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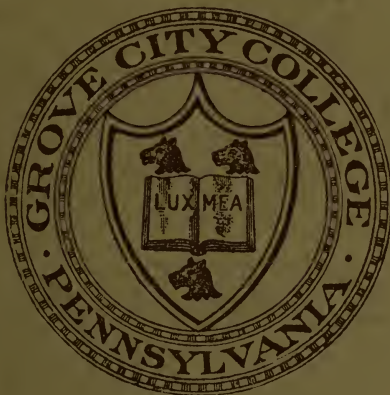
NUMBER 2

# *Grove City College Bulletin*

CATALOGUE EDITION

OCTOBER, 1916

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ISSUED QUARTERLY BY

**GROVE CITY COLLEGE**

GROVE CITY, PA.

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ENTERED JUNE 25, 1906, AT THE POSTOFFICE AT GROVE CITY, PA.,  
UNDER ACT OF CONGRESS, JULY 16, 1904, AS SECOND CLASS MATTER



*Forty-first Year*

*Grove City College*

*Catalogue for 1916-1917*

*With Calendar and Courses of  
Study for the Year 1916-1917*



*Grove City    :-    Pennsylvania*

**For information and catalogues write the Registrar,  
O. J. SIEPLEIN, Grove City, Pa.**



## C A L E N D A R

1916.

September 19, Tuesday	Registration of students.
September 20, Wednesday	Recitations begin 7:40 A. M.
Dec. 8, Friday, to Dec. 14, Thursday	Final Examinations.

1917.

January 2, Tuesday	Registration of students for Winter Term.
January 3, Wednesday	Recitations begin 7:40 A. M.
March 18, to March 24	Final Examinations.
March 27, Tuesday	Registration of students for the Spring Term.
March 28, Wednesday	Recitations begin 7:40 A. M.
June 4, to June 9	Final Examinations.
June 10, Sunday	} Exercises of Commencement Week.
June 11, Monday	
June 12, Tuesday	
June 13, Wednesday	
June 19, Tuesday	Registration of Students for the collegiate Summer Term.
June 20, Wednesday	College recitations begin 7:40 A. M.
June 21, Thursday	Registration of students for the Pedagogy Term.
June 22, Friday	Pedagogy Term subjects begin at 7:40 A. M.
August 2, to August 12	Bible School.
August 15 to 18	Final examinations for the collegiate term.
September 18, Tuesday	Registration of new students for the Fall Term.
September 19, Wednesday	Recitations begin 7:40 A. M.

1918.

June 18, Tuesday	Opening of the Summer Term.
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When first elected.	Residence.
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1902 MARK W. GRAHAM.....	Grove City
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1912 JOHN G. PEW.....	Pittsburgh
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1912 HARRY W. WILSON.....	Indiana
1914 SAMUEL SEMPLE, D. D.....	Titusville
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1916 WEIR C. KETLER, Ex-Officio.	

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O. J. SIEPLEIN, Ph. D.....	Registrar
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J. WALKER MORLEDGE.....	Field Secretary
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E. C. MYERS.....	Accountant
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INA MAYE MORROW.....	Secretary to the Registrar
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ALICE REED.....	Matron of Memorial Hall
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## HISTORICAL SKETCH

As early as 1858 an effort had been made to provide instruction in college preparatory studies at Pine Grove, now Grove City. Rev. Richard M. Thompson, D. D., was the first to give instruction in the higher branches.

In 1864 Rev. Wm. T. Dickson became pastor of the Presbyterian Church of Pine Grove, and soon after, he and his wife, Mrs. Harriet L. Dickson, undertook to maintain a private school for the young people of the community. This school was held much of the time in their own home, but when the attendance justified a larger room they occupied the Presbyterian Church. They continued this work with but slight interruption for ten years.

In 1874 the school directors of Pine township decided to erect a one-story brick school house containing two rooms for the accommodation of the school children of the Pine Grove District. A movement was started among those interested in higher education to take up a subscription to add a second story to the public school building. This, after much effort, was accomplished and it was in this upper room of the public school house, that a select school or academy was started on the 11th day of April, 1876. The committee of stockholders of this upper room consisted of Joseph Humphrey, President; James A. Gilmore, Secretary; N. W. VanEman, M. D., O. P. McCoy and James Hunter. This committee rented the room to Isaac C. Ketler of Blacktown, a village four miles west of Pine Grove. Mr. Ketler at his own expense furnished the room with necessary equipment and had, in the March preceding, announced that he would open a school at Pine Grove in this building. Thirteen students reported the first day of the school and twenty-four were enrolled during the entire session. On the 8th of August, 1876, the first Fall session of the school was held with an enrollment of about

eighty students. Mr. Ketler was assisted by one of his pupils (Samuel R. McClelland), in conducting the classes.

In September, 1878, a meeting of the citizens was called to consider the propriety of securing real estate, land on which to erect an academy building. At this meeting Mr. Robert G. Black presided. In calling the meeting to order he said, "In view of the very great and vital interest which has brought the people together it is proper and wise that Divine guidance and blessing be sought;" the first general meeting of the citizens held in this interest characterized the spirit in which the subsequent work of the institution has ever been conducted.

Wm. A. Young, J. M. Martin, M. D., James P. Locke, James Hunter and Joseph Humphrey were appointed a Finance Committee to provide means for the purchase of grounds and the erection of an academy building. They were directed to apply for a charter of incorporation, that the academy might have a proper legal basis. At the August, 1879, term of the Court of Common Pleas of Mercer County, Pa., a charter of incorporation for the purpose of establishing and maintaining a school in the village of Pine Grove, to be known as The Pine Grove Normal Academy, was granted. The aforesaid Finance Committee, under the charter, constituted the Board of Trustees until the election of their successors, a board of fifteen trustees, on the second Monday of January, A. D., 1880. The capital stock of the corporation was at first limited to \$25,000 (afterwards increased to \$50,000), and was to be sold in shares of \$10 each. When four hundred shares had been subscribed and twenty per cent of the stock thus subscribed paid in, the charter was to go into effect. Capt. R. C. Craig was appointed to solicit funds. Early in the spring of 1879 the required amount of stock having been sold and twenty per cent of it paid in, the Finance Committee, or five Trustees, proceeded to purchase ground and

erect a suitable building. Four acres of ground were purchased and a building was erected at a cost of about \$10,000. The Academy building was first occupied in December, 1879, and from that time on the growth of the institution has been rapid and continuous.

In 1881 the attendance of students had so increased, that the demand for larger facilities became imperative. Therefore, in 1882, a building providing additional recitation rooms and other conveniences, (now a part of the Physics Building), was erected. A small dormitory building for young women was built by the Rev. W. J. McConkey and rented to the Academy. This was afterwards purchased by the College, enlarged and improved and converted into a Music Building for the uses of the Music Department.

In November, 1882, the name of Pine Grove was dropped for the more pretentious name of Grove City, and the town was incorporated by decree of the Court of Quarter Sessions on the 4th of January, 1883. The first election for borough officers was held February 3rd ensuing.

In 1883, the annual attendance at the Academy had increased to fully five hundred students. The work had been mainly the preparing of teachers for teaching and students for college, although in 1881 and 1882 classes were graduated in a scientific course of study and received appropriate diplomas and degrees. Many were anxious to have the advantages of a collegiate classical course of study in this institution. They had become attached to the Academy. The smallness of the expenses made it possible for many boys and girls of very limited means to take such a course of study in this institution. These and other considerations led the Board of Trustees to ask for an amendment to the charter, changing the institution from an academy with restricted powers to a college with all the rights and franchises of the same. The



decree authorizing this change was granted on the 21st day of November, A. D., 1884.

Early in September, 1894, the Board of Trustees found that the institution was considerably in debt, and although property had been secured to the amount of one hundred thousand dollars the facilities for the work undertaken were entirely inadequate. It was felt by many that unless help could be secured from the outside about all possible had been accomplished and there were great fears that the institution would ultimately fail to meet its obligations. Up to this time the funds for the building of the College and its maintenance had been secured largely within a radius of four miles of Grove City. President Ketler was instructed to make known the situation to people of means at a distance from the town and to solicit help. The whole situation was thoroughly discussed with Mr. J. N. Pew, then of Pittsburgh, and Mr. S. P. Harbison, of Allegheny, Pa.

On the special advice of Mr. Pew and Mr. Harbison an effort was made to eliminate the stock features of the College, so that the institution might be re-incorporated in the class of eleemosynary institutions. Accordingly on the 3rd day of November, 1894, the stockholders of the College met in the College Chapel and without a dissenting voice voted to eliminate the stock features and permit the college charter to be amended so as to place the College in the class of public charities, with a self-perpetuating Board of Trustees. The ballots which were used read as follows: "Grove City, Pa., November 3, 1894. I, the undersigned owner of \_\_\_\_\_ shares of stock in Grove City College, Grove City, Pa., do hereby give, assign, transfer and set over my said stock to said corporation, in order that an amendment to the charter of said corporation may be applied for, to eliminate the stock feature from the charter and place the corporation in the class of

public charities. Witness my hand and seal this 3rd day of November, 1894 ..... (Seal).''

It must forever be to the honor of the community that the desired change was made without one dissenting vote. This is all the more remarkable when it is recalled that there were about two hundred and fifty share-holders of different religious denominations and maintaining different attitudes toward the College. They surrendered their entire property right in the institution, that others, with larger means, might come to the relief of the institution and direct its work. It added to the gravity of the undertaking that it was a serious question whether the change could legally be made if one stock-holder should oppose the change. The fifteen trustees who had previously been chosen by the stockholders became petitioners for the amendments, which, when granted changed the entire legal aspect of the College. From a stock corporation in which more than two hundred persons had a property right it became a corporation in the class of public charities and the former fifteen trustees and fifteen others became the legal guardians or trustees of the changed corporation. The final decree making these changes was ordered on the 10th day of December, A. D., 1894, a little more than ten years after the College charter had been obtained.

The management of the institution up to January, 1895, was, by the charter of incorporation lodged in a board of fifteen trustees, chosen from the stockholders and by the stockholders. Five trustees were chosen thus annually to serve for three years. As the stock was held almost exclusively by citizens of the community within a radius of four miles of the College, the members of the Board were necessarily local. But to their wise and careful administration is largely due the success of the College. Severely economical where economy could be prac-



ticed with safety, generous even to personal sacrifices when the resources of the College were not adequate to its plainly evident needs, investing every dollar of a sadly insufficient income where it would count most for the advancement of the College, in season and out of season they gave the college their time, their money, their consecrated service. Among the men of Grove City who never flagged for the institution were W. A. Young, Thomas W. Dale, R. C. Craig and J. C. Glenn.

On the 24th of January, A. D., 1895, the fifteen Trustees who were appointed under the amended charter met in the College to carry out the provisions of the new or amended charter, viz., the election of fifteen additional trustees, who should have a part with them in this trust. They were W. A. Young, T. W. Dale, J. C. Glenn, Rev. W. J. McConkey, D. D., John N. White, Newton Campbell, James Simpson, W. J. McKay, A. M. Craig, Perry F. Say, J. J. McGarvey, Joseph A. McDowell, D. F. Courtney, S. F. Thompson, Esq., and Beriah Magoffin, Esq. They proceeded by ballot to the election of the new members who should join with them in constituting the new Board, and the following gentlemen were unanimously elected: J. N. Pew, A. P. Burchfield, W. J. Young, and the Rev. J. T. Gibson, D. D., of Pittsburgh, Pa.; Rev. Wm. H. McMillan, D. D., Samuel P. Harbison and W. L. Pierce, Esq., of Allegheny, Pa.; Edward O'Neil, of Sewickley, Pa.; Judge Christopher W. Heydrick, of Franklin, Pa.; W. D. Brandon, Esq., and Rev. Wm. E. Oller, of Butler, Pa.; J. T. Blair, of Greenville, Pa.; Rev. A. J. Merchant, D. D., of Sharon, Pa.; David Gilson, of London, Pa., and Rev. James B. McClelland, of Grove City, Pa. The gentlemen so chosen were notified of their election as trustees of Grove City College, and Thursday, the 31st day of January, A. D., 1895, at 2 P. M., was fixed as the time for the organization of the new Board. At this time they met and by lot arranged themselves into three classes of ten mem-

bers each, one class to serve for one year, or until the second annual meeting, the Tuesday before Commencement, 1896; one class to serve two years, or until the annual meeting in June, 1897, and one class to serve for three years, or until the annual meeting in June, 1898.

The Board was fully organized by the election of the following officers: J. N. Pew, Philadelphia, Pa., President; Rev. Wm. H. McMillan, D. D., Allegheny, Pa., Vice President; J. C. Glenn, Secretary; Wm. A. Young, Treasurer.

At the death of W. A. Young the Grove City National Bank was made Treasurer. J. N. Pew served as President until his death in October, 1912. At that time F. R. Babcock of Pittsburgh was elected President.

Isaac C. Ketler, the founder, was President until his death on July 2, 1913. His successor was Alexander Thomas Ormond, the head of the Department of Philosophy in Princeton University, who held office a little more than two years. President Ormond died on December 18, 1915. Weir C. Ketler, the Assistant to the President, was elected President June 13, 1916.

During the forty years of its existence there has been constant development in the number, equipment and scholarship of the Faculty of the College. The ideal has always been that Christian training must be a large part of a true education. The college courses stand for sound and liberal culture, vital religion and practical efficiency and are animated by the spirit of service to God and humanity.

The progress of the College since the reorganization in 1895 has been rapid. The property value was estimated at \$100,000 when the new board took control. Today the College has a campus of over fifty acres in the center of the town. From two buildings in 1895 the growth has been to nine buildings at present. The College plant is valued at more than \$700,000.

## THE CHARTER OF GROVE CITY COLLEGE

Whereas, By a decree heretofore entered by the Court of Common Pleas of Mercer County, Pennsylvania, in pursuance of the application of W. A. Young, Joseph Humphrey, James Hunter, J. M. Martin and J. P. Locke, the "Pine Grove Normal Academy" was duly incorporated; and, whereas, by a subsequent decree of said Court the name of said institution was changed to "Grove City College," and its rights, privileges, authorities and jurisdictions as an institution of learning extended; and, whereas, further improvements, amendments and alterations of the charter of said corporation are desired, viz., By altering, amending and improving Sections I, II, III, IV, VII, VIII, and Section IX, as amended heretofore, of the present charter, and by striking out entirely Sections V and VI, and substituting therefore new sections and provisions so that the whole articles of association as altered and amended will read as follows:

Article 1. The said corporation under the name, style and title of Grove City College shall have perpetual succession, with all the incidents of a corporation in deed and in law, for all the purposes whatsoever of its incorporation.

Article 2. The trustees of said corporation now in office, viz., W. A. Young, Thomas W. Dale, Samuel F. Thompson, Joseph A. McDowell, J. C. Glenn, Beriah Magoffin, James Simpson, Sr., William J. McKay, John N. White, Newton Campbell, Perry Say, J. J. McGarvey, D. F. Courtney, A. M. Craig and W. J. McConkey, and others to be elected as hereinafter provided, and their successors, by the said name and title shall be able and capable in law and in equity to take, hold and enjoy for the use of said college any estate in any messuage, lands, tenements, goods, chattels, moneys, or other effects by gifts, grant, bargain, sale, conveyance, assurance, will, devise or be-

quest, of any person or persons or any body corporate, whatsoever: provided that the yearly income of the real and personal property of the said corporation shall not at any time exceed twenty thousand dollars.

Article 3. The said trustees and their successors by the same name shall sue and be sued, plead and be impleaded, answer and be answered, defend and be defended, in all courts of law and equity in all manner of suits and actions whatsoever; and generally, by and in the same name do and transact all the business touching and concerning the premises, or which shall be incidentally necessary thereto, as fully and effectually as any natural person, or body politic or corporate, has power to manage the concerns belonging to such person or body, and to hold, enjoy and exercise such powers, authorities and jurisdictions as are customary and usual in other colleges, or institutions similar, in this Commonwealth.

Article 4. The said corporation is hereby authorized to establish and maintain an undenominational but evangelical Christian school or college in the borough of Grove City, Mercer County, Pennsylvania, in which youth of both sexes, and others who may desire, without regard to religious test or belief, may receive an education both preparatory and collegiate in the various branches of science, abstract and applied, languages, mathematics, history, literature, music, and the arts in all their various ramifications; and generally, where students may receive thorough instruction in all the branches of higher learning professional and technical: And to this end the trustees shall have power to elect or appoint a corps of professors, or faculty, for said college, without regard to creed or religious belief of the appointees, who shall be persons of full age of either sex, and thoroughly qualified for the positions or chairs to which they shall be appointed, (together with such other and subordinate teachers as may

be required), one of whom they shall style or denominate president of the faculty, and who shall ex-officio meet and act with the trustees and take part in all their deliberations, and serve on any committees as fully to all intents and purposes as if elected one of said body as hereinafter provided; and the professors and teachers so appointed shall at all times be subject to removal at the discretion of the trustees as the welfare of the College may demand or require.

Article 5. The management of said corporation shall be lodged in a board of trustees not exceeding thirty in number, ten of whom shall constitute a quorum to transact business; and after decree of the Court has been entered granting this amended charter the board of trustees, as at present constituted, at their first meeting as provided in the by-laws, shall proceed to fill the board as required to be constituted herein by electing by ballot fifteen additional trustees who shall have the qualifications hereinafter provided, and thereupon they shall notify the persons so elected of the time and place when and where to meet with them to perfect the organization of the board of trustees of said corporation as provided herein; and when so organized the said board of trustees shall classify themselves by lot into three classes of equal number, which classes shall be designated as the first, the second and the third class, and the term of office of the first class shall expire at the second annual meeting and the terms of office of the other classes shall expire annually thereafter in order of their number. At each annual meeting succeeding the first, ten trustees shall be elected by ballot by the trustees in the two classes whose terms do not expire at said meeting, and the persons so elected shall serve for three years, provided however that not more than ten of the board of trustees at any one time shall be clergymen; vacancies occurring by death, resignation, removal or otherwise, shall be filled for the unexpired



term by the board at its first meeting after the vacancy occurs, and the member or members elected shall belong to the respective class or classes in which the vacancy or vacancies occurred. Trustees shall be citizens of the United States and shall be chosen with due regard to their fitness for the office and persons of any Christian sect or creed shall be eligible, but at all times at least twenty of the trustees shall be citizens of this Commonwealth.

Article 6. The board of trustees shall elect at each annual meeting to serve for one year a president, a vice president, and a secretary of their own body; they shall also elect a treasurer, either of their own body or not as they deem best, who shall give bonds with security for the safe keeping of the funds of the corporation in such amounts as may be deemed advisable; and they shall and may have a common seal to serve and use for all causes, matters and affairs of them and their successors and by which the deeds, diplomas, certificates, and acts of the corporation shall pass and be authenticated, and may change and alter the said seal at their pleasure from time to time. They shall meet at least twice each year in the borough of Grove City, Mercer County, Pennsylvania, at such times as shall be provided in the by-laws, one of which meetings shall be called the annual meeting, and such other meetings may be held at such times and places as shall be provided for in the by-laws. They shall make and ordain by-laws and rules for the government of the corporation not inconsistent with this charter nor repugnant to the constitution and laws of the United States or the constitution and laws of this Commonwealth. They shall provide a book in which shall be transcribed this charter and all by-laws, rules and regulations adopted by them and in which a record of the proceedings of all meetings of the trustees shall be kept.

Article 7. The faculty of the College shall preserve proper discipline among the students, and by and with

the advice and consent of the board of trustees shall prescribe the courses of study and instruction in the several departments of said college, shall fix the rates of tuition, matriculation and contingent fees, and determine the proficiency and qualifications necessary for students to enter the various departments and classes, and shall at the close of each college year, or at such other times as may be deemed advisable, graduate such of the students who by their proficiency in learning they may consider entitled to be graduated and confer such degrees upon them, and also upon others of meritorious distinction, as are usually conferred and granted in other colleges of the United States, and to grant to such graduates diplomas under the common seal of the corporation and signed by the faculty to authenticate and perpetuate the memory of such graduation.

Article 8. The board of trustees shall invest or put out at interest all moneys received by them by gift, donation, bequest, devise, or otherwise, for the use and benefit of such corporation; and the interest or revenue thus accruing shall be exclusively and forever appropriated to the support of the said College and instruction therein; and they shall keep the books of account in which all moneys received by them from all sources shall be carefully entered at large.

Article 9. The membership of this corporation shall consist of the several persons who for the time being shall be acting as trustees. Persons not members of the corporation shall be eligible to election as trustees, subject only to the qualifications hereinbefore stated.

Article 10. No misnomer of said corporation shall defeat or annul any gift or grant, devise or bequest, to or for said corporation.

Article 11. The enumeration of powers, privileges and duties herein contained shall not be construed so as

to exclude others not enumerated which are necessary to the proper fulfillment of the designated purposes of the corporation and not inconsistent with the express provisions and limitations thereof.

W. J. McConkey, President of Board of Trustees.

J. C. Glenn, Secretary of Board of Trustees.

Grove City College, Nov. 21, 1894, Mercer County, Pa.



## THE ENTRANCE REQUIREMENTS

The requirement for admission to the Freshman class is fifteen units. A unit is the credit allowed for a subject pursued in daily recitations for the full year of at least 34 weeks. The maximum of four units is allowed for the regularly scheduled work of one year in a high school or other secondary school.

Fifteen units credit is equivalent to a full four-year course in a strong high school. Work of the regular four-year high school course cannot be accepted for advanced standing.

Graduates from a course in a three-year high school are admitted as Conditional Freshmen and are required to complete two full terms of work (30 hours) at the College before being classed as Freshmen in full collegiate standing. Six hours of the work of these two terms shall be in English. This English requirement is understood to be in addition to the English requirement for the baccalaureate degree.

Applicants for entrance to the courses leading to the degree of Bachelor of Arts, or the degree of Bachelor of Literature must present

3 units in English

3 units in Mathematics

4 units in Latin

2 units in German, French or Spanish

1 unit in Chemistry or Physics

The remaining 2 units are elective.

Candidates for the course leading to the degree of Bachelor of Science must present:

3 units in English

3 units in Mathematics.

2 units in German, French or Spanish.

1 unit in Biology.

1 unit in Physics.

1 unit in Chemistry.

The remaining 4 units are elective.

It is recommended that the unit in Biology be presented in one branch of Biology, such as Botany or Zoology.

A student who is deficient in any of the work prescribed for admission to one of the college courses may substitute other subjects to make a total of fifteen units, provided he take during his college course such subjects as will make up this deficiency. The following units may be presented:

	Minimum accepted	Maximum allowed
English .....	2 (see note 1)	3 (see note 1)
Mathematics—		
Algebra, elementary.....	1	1
Algebra, intermediate.....	$\frac{1}{2}$	$\frac{1}{2}$
Algebra, advanced .....	$\frac{1}{2}$ (see note 2)	$\frac{1}{2}$ (see note 2)
Geometry, plane .....	1	1
Geometry, solid .....	$\frac{1}{2}$	$\frac{1}{2}$
Trigonometry, plane .....	$\frac{1}{2}$ (see note 3)	$\frac{1}{2}$ (see note 3)
Foreign Language, total.....		8
For. Language, any one.....	1 (see note 4)	4
History, total .....		4
History, General .....	$\frac{1}{2}$	1
History, Ancient .....	$\frac{1}{2}$	1
History, Mediaeval .....	$\frac{1}{2}$	1
History, Adv. American.....	$\frac{1}{2}$	1
History, English .....	$\frac{1}{2}$	1
Science, total .....		4
Astronomy .....	$\frac{1}{2}$	$\frac{1}{2}$
Agriculture .....	$\frac{1}{2}$	$\frac{1}{2}$
Biology .....	$\frac{1}{2}$	1
Botany .....	$\frac{1}{2}$	1
Chemistry .....	1	1
Physics .....	1	1
Physiography .....	$\frac{1}{2}$	1
Physical Geography .....	$\frac{1}{2}$	1
Physiology, advanced .....	$\frac{1}{2}$	$\frac{1}{2}$
Zoology .....	$\frac{1}{2}$	1

Note 1—As the first English work in the high school course is largely grammar, the credit granted in English is one unit less than the number of years of work in this subject.

Note 2.—A student presenting Advanced Algebra ( $\frac{1}{2}$  unit) is required to elect during his course, College Algebra II.

Note 3.—A student presenting Plane Trigonometry ( $\frac{1}{2}$  unit) is required to elect during his course, Spherical Trigonometry or Surveying.

Note 4.—A student presenting but one unit in any foreign language is required to elect during his course the second year's work in that language.

The units are to be chosen from the following:

**ENGLISH.** Grammar, Composition and Rhetoric, one unit; Literature, one unit; the third unit either Advanced Composition or Literature. Every applicant for admission to any of the regular college courses will be subject to a test in English Composition. He will be asked to write a brief essay on some familiar subject. In judging this essay special stress will be placed upon such elementary matters as spelling, capitalization, punctuation, grammar, the proper division of thought into sentences and paragraphs, orderly arrangement and clear expression of ideas. The amount of work in rhetoric required of a student will be determined by this test. The student whose work in this essay shows lack of sufficient preparation for English 11, will be required to take English 15.

**MATHEMATICS.** Elementary Algebra, one unit; Plane Geometry, one unit; Intermediate Algebra, Solid Geometry, Advanced Algebra, Plane Trigonometry, each  $\frac{1}{2}$  unit.

**LATIN.** Elementary Latin, one unit; Caesar, four books, one unit; Cicero, six orations and composition, one unit; Vergil, six books, one unit. In Cicero and Vergil for less work than above stated  $\frac{1}{2}$  unit each may be allowed.

**GREEK.** Elementary Greek, one unit; Anabasis, four books and composition, one unit; Homer, three books,  $\frac{1}{2}$  unit.

**GERMAN.** Elementary German, (grammar, conversation and reading of easy texts), one unit; composition and translation (Wilhelm Tell and Immensee or equivalent), one unit.

**FRENCH.** Elementary French (grammar, conversation and reading of easy texts), one unit; composition and translation (Le Château d'If, La Tulipe Noire, and Mlle. de la Seiglière, or equivalents), one unit.

**HISTORY.** General, or Greek and Roman,  $\frac{1}{2}$  unit; Mediaeval and Modern,  $\frac{1}{2}$  unit; English,  $\frac{1}{2}$  unit; Advanced American,  $\frac{1}{2}$  unit. In each of these courses, more extended and thorough work may be accepted for a full unit.

PHYSICS. Carhart and Chute, Hoadley, or equivalent, with laboratory.

CHEMISTRY. "First Principles of Chemistry," Brownlee, or equivalent, with laboratory.

ASTRONOMY, BIOLOGY, BOTANY, PHYSICAL GEOGRAPHY, ADVANCED PHYSIOLOGY, ZOOLOGY, each  $\frac{1}{2}$  unit. Exceptionally thorough and extended work in any of these subjects may be accepted as a full unit.

A student presenting a science with laboratory will be asked to present certified laboratory notebook.

A student unable to carry work in a department to which his accepted units admit him, loses credit in all units up to the work he can carry.

Certificates must state clearly the following points:

1. The number of years at the institution.
2. The fact of graduation, if a graduate.
3. The subjects studied each year.
4. The textbook used in each subject.
5. The number of weeks devoted to each subject.
6. The number of periods per week for each subject.
7. The length of the periods.
8. The grade received in each subject.

Blank forms will be furnished on application to the Registrar.

Students who have passed satisfactory examinations in the subjects required for entrance, are admitted as Freshmen.

## THE COLLEGE COURSES

The courses leading to the degrees of Bachelor of Arts, Science and Literature require 180 hours work beyond that necessary for entrance to the Freshman class. This means four years work of 45 hours per year, or 15 hours per term.

### Requirements in Hours for the Degrees.

	A. B.	Litt. B.	B. S.
English Language.....	9	9	9
English Literature .....	9	9	9
Latin .....	18	18	
Greek .....	30		
German or French.....	9	27	9
Mathematics .....	12	12	21
Physics .....	12	12	21
Chemistry .....			21
Biology .....			12
Bible .....	12	12	12
Psychology .....	6	6	6
Logic .....	3	3	3
Economics or American			
History .....	9	9	9
Elective .....	51	63	48
	<hr/>	<hr/>	<hr/>
	180	180	180

Candidates for the degree of Bachelor of Arts or Bachelor of Science may present Spanish 15, 16, 17 as equivalent to German 15, 16, 17 or French 15, 16, 17 in satisfying the modern language requirement for the degree.

Candidates for the degree of Bachelor of Literature may, with the consent of the Faculty, substitute for the twenty-seven hours of German or French, nine hours of collegiate grade in each of two modern languages. By collegiate grade is understood German 15, 16, 17; French 15, 16, 17; or Spanish 15, 16, 17.

Candidates for the degree of Bachelor of Literature may, with the consent of the Faculty, substitute for the eighteen hours of collegiate Latin, eighteen hours of another language of collegiate grade. All candidates for the degree of Bachelor of Literature must offer work in two languages for the degree.

Candidates for the degree of Bachelor of Science may present twelve hours of Chemistry, twenty-one of Physics and twenty-one of Biology; or twenty-one of Chemistry, twelve of Physics and twenty-one of Biology, instead of twenty-one of Chemistry, twenty-one of Physics and twelve of Biology.

Students completing their work at the end of the Summer Term are graduated and receive their degrees at that time. Students completing their work at the end of the Fall or Winter Term are graduated and receive their degrees in person at the following Commencement.

### *Plan of Course for the Degree of Bachelor of Arts*

FRESHMAN YEAR		
FIRST TERM	SECOND TERM	THIRD TERM
*English 11 and Oratory 11, 3 hours.	English 12 and Oratory 12, 3 hours.	English 13 and Oratory 13, 3 hours.
Latin 11, 3 hours.	Latin 12, 3 hours.	Latin 13, 3 hours.
Greek 11, 5 hours.	Greek 12, 5 hours.	Greek 13, 5 hours.
Mathematics 11, 4 hours.	Mathematics 12, 4 hrs.	**Mathematics 13, 4 hrs.
SOPHOMORE YEAR		
Latin 21, 3 hours.	Latin 22, 3 hours.	Latin 23, 3 hours.
Greek 21, 5 hours.	Greek 22, 5 hours.	Greek 23, 5 hours.
Physics 21, 4 hours.	Physics 22, 4 hours.	Physics 23, 4 hours.
Bible, 3 hours.	Bible, 3 hours.	Bible, 3 hours.
JUNIOR YEAR		
Modern Language. (Course 15), 3 hours.	Modern Language (Course 16), 3 hours.	Modern Language (Course 17), 3 hours.
English 31, 3 hours.	English 32, 3 hours.	English 33, 3 hours.
Psychology 31, 3 hours.	Psychology 32, 3 hours.	Philosophy 33, 3 hours.
Bible 31, 3 hours.	Elective, 6 hours.	(Logic)
Elective, 3 hours.		Elective, 6 hours.
SENIOR YEAR		
Economics 31 or History 41, 3 hours.	Economics 32 or History 42, 3 hours.	Economics 33 or History 43, 3 hours.
Elective, 12 hours.	Elective, 12 hours.	Elective, 12 hours.

Candidates for Departmental Honors are excused from the prescribed junior work in Language and Bible.

\* "English 11," "Oratory 11," etc., are titles of prescribed courses. The description of these courses will be found under the various departments, pages 54 to 96.

\*\* Mathematics 21 (Analytic Geometry), Mathematics 23 (Advanced Trigonometry), or Mathematics 31 (Surveying), may be substituted for Mathematics 13 (College Algebra, second term).



## *Plan of Course for the Degree of Bachelor of Literature*

### FRESHMAN YEAR

#### FIRST TERM

\*English 11 and Oratory  
11, 3 hours.  
Modern Language, 3  
hours.  
(Course 15)  
Latin 11, 3 hours.  
Mathematics 11, 4 hrs.  
Bible 21, 2 hours.

#### SECOND TERM

English 12 and Oratory  
12, 3 hours.  
Modern Language, 3  
hours.  
(Course 16)  
Latin 12, 3 hours.  
Mathematics 12, 4 hrs.  
Bible 22, 2 hours.

#### THIRD TERM

English 13 and Oratory  
13, 3 hours.  
Modern Language, 3  
hours.  
(Course 17)  
Latin 13, 3 hours.  
\*\*Mathematics 13, 3 hrs.  
Bible 23, 2 hours.

### SOPHOMORE YEAR

Latin 21, 3 hours.  
Modern Language, 3  
hours.  
Physics 21, 4 hours.  
Psychology 31, 3 hrs.  
Elective, 2 hours.

Latin 22, 3 hours.  
Modern Language, 3  
hours.  
Physics 22, 4 hrs.  
Psychology 32, 3 hrs.  
Elective, 2 hours.

Latin 23, 3 hours.  
Modern Language, 3  
hours.  
Physics 23, 4 hours.  
Bible, 3 hours.  
Elective, 2 hours.

### JUNIOR YEAR

Modern Language, 3  
hours.  
Bible, 3 hours.  
English 31, 3 hours.  
Elective, 6 hours.

Modern Language, 3  
hours.  
English 32, 3 hours.  
Elective, 9 hours.

English 33, 3 hours.  
Philosophy 33, 3 hours.  
Modern Language, 3  
hours.  
Elective, 6 hours.

### SENIOR YEAR

Economics 31 or  
History 41, 3 hours.  
Elective, 12 hours.

Economics 32 or  
History 42, 3 hours.  
Elective, 12 hours.

Economics 33 or  
History 43, 3 hours.  
Elective, 12 hours.

Candidates for Departmental Honors are excused from the prescribed junior work in English, Modern Language and Bible.

## *Plan of Course for the Degree of Bachelor of Science*

### FRESHMAN YEAR

#### FIRST TERM

\*English 11 and Oratory  
11, 3 hours.  
German 15, 3 hours.  
Chemistry 11, 4 hours.  
Mathematics 11, 4 hrs.  
Bible 21, 2 hours.

#### SECOND TERM

English 12 and Oratory  
12, 3 hours.  
German 16, 3 hours.  
Chemistry 12, 4 hours.  
Mathematics 12, 4 hrs.  
Bible 22, 2 hours.

#### THIRD TERM

English 13 and Oratory  
13, 3 hours.  
German 17, 3 hours.  
Chemistry 13, 4 hours.  
Mathematics 13, 4 hrs.  
Bible 23, 2 hours.

### SOPHOMORE YEAR

Mathematics, 3 hrs.  
Chemistry, 3 hours.  
Physics 21, 4 hours.  
Psychology 31, 3 hrs.  
Elective, 2 hours.

Mathematics, 3 hrs.  
Chemistry, 3 hours.  
Physics 22, 4 hours.  
Psychology 32, 3 hrs.  
Elective, 2 hours.

Mathematics, 3 hrs.  
Chemistry, 3 hours.  
Physics 23, 4 hours.  
Bible, 3 hours.  
Elective, 2 hours.

### JUNIOR YEAR

English 31, 3 hours.  
Physics 31, 3 hours.  
Biology, 4 hours.  
Bible, 3 hours.  
Elective, 2 hours.

English 32, 3 hours.  
Physics 32, 3 hours.  
Biology, 4 hours.  
Elective, 5 hours.

English 33, 3 hours.  
Physics 33, 3 hours.  
Biology, 4 hours.  
Philosophy 33, 3 hrs.  
Elective, 2 hours.

\* and \*\* (Footnotes as on page 13).

**SENIOR YEAR**

Economics 31 or  
History 41, 3 hours.  
Elective, 12 hours.

Economics 32 or  
History 42, 3 hours.  
Elective, 12 hours.

Economics 33 or  
History 43, 3 hours.  
Elective, 12 hours.

Candidates for Departmental Honors are excused from the prescribed junior work in English, Bible and Sciences.

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**Tuition**

The tuition is twenty-nine dollars (\$29) for the term of twelve weeks and twenty-six dollars (\$26) for the summer term of nine weeks. This tuition entitles the student to any course in the collegiate and preparatory departments, to the use of the gymnasium, to entrance to all athletic contests and to care in the hospital in case of illness.

In courses requiring laboratory practice, the student is charged a laboratory fee. In biology and physics, this fee is two dollars (\$2) in all courses requiring one laboratory period (2 to 2½ hours) a week; in chemistry the fee is three dollars (\$3) in all courses requiring one laboratory period. In courses requiring more than one laboratory period, an additional fee of one dollar (\$1) is charged for each additional period. The fees are usually as follows: in biology, \$2 or \$3; in chemistry, \$3 or \$4; in physics, \$2; in mechanical drawing, \$5; in surveying, \$3.

Upon the payment of a fee of \$3 per term, a student may elect work in the Commercial Department amounting to nine periods of book-keeping practice a week. This work is considered an extra-curriculum three-hour course, and does not credit on the one hundred eighty hours required for a degree.

**Absence Regulations**

A total gratuity of as many class absences a term as he has class recitation a week is allowed to each student.

The gratuity in each course a term is equal to the number of recitations in the course a week.



A gratuity of fifteen absences a term from Chapel is allowed to each student. Absence from Sunday Chapel is counted as three on the gratuity for Chapel.

This gratuity is granted the student to cover all absences for any reason whatever.

When a student exceeds his gratuity in any subject, he becomes subject to discipline.

Absences are counted from the first recitation in each course.

Absence from class affects the grade of the student for that course.

The Dean of the Faculty has control of the question of absences; all requests should be made to him at his regular office hours. Permissions for absences hold for one term only and are renewed only by application to the Dean each term. All such requests for optional attendance at Chapel must be made to the Dean within one week of registration in college.

### Grade Values

The grade values used in rating the quality of work are: A, 95 to 100 per cent.; B, 90 to 95 per cent.; C, 80 to 90 per cent.; D, 70 to 80 per cent.; E, 50 to 70 per cent., conditioned; F, below 50 per cent., failure; P, passed without rank. "A" and "B" are considered honor grades. Failure to take the final examination at the end of a course or, in any other way, to complete the work of a course, causes that course to be graded "E." In a course requiring laboratory practice, uncompleted laboratory work or unapproved laboratory reports cause that course to be graded "E."

A student who receives a condition, "E," in a subject has the opportunity of taking a special examination in this subject during his next succeeding term in college and on passing such special examination is graded "P" (passed). These special examinations are held according to a sched-

ule published during the first week of the term. If the condition is not removed at the end of such next succeeding term, the mark condition "E" is considered as a mark of failure, "F."

All "E" and "F" grades in a student's record must be removed by special examinations or repetition of courses before a degree is conferred upon the student. When a student has on his record more than fifteen hours of courses with "E" and "F" grades, he is dropped from the rolls of the College.

### Student Programs

The regular program of work requires fifteen hours a term, and, in general, a student in the regular courses is not permitted to take a schedule of more than 15 hours.

If a student has for two successive terms completed his work with two-thirds of his work of honor grade he may apply to the matriculation committee for the privilege of taking 16, 17 or 18 hours. Failure to maintain the proportion of two-thirds honor grades for a schedule of 16, 17 or 18 hours makes it necessary for the student to return to the fifteen hour schedule. "E" or "F" grade causes the term in which such grade is received to be excluded from consideration for schedules beyond fifteen hours.

If a student has for two successive terms carried a schedule of 17 or 18 hours with all honor grades, he may apply to the matriculation committee for the privilege of taking 19 or 20 hours. Twenty hours is the limit of credit allowed for a term. If a student taking 19 or 20 hours falls below honor grade in more than one-third of his work for that term he must return to the fifteen hour schedule; if he falls below honor grade in any work which is less than one-third of his schedule, he may be required to return to the fifteen hour schedule, but must return to the eighteen hour schedule. "E" or "F" grade causes the term in which such grade is received to be excluded from consideration for schedules beyond fifteen hours.

### Advanced Standing

A student who applies for advanced standing in this college on the basis of credits from another college may receive credit on a college course up to fifteen (15) hours a term or forty-five (45) hours a year; if during his next two terms at Grove City College he has done work of a grade entitling him under the rules to an increment of schedule hours, the Matriculation Committee may, at its option, grant him a corresponding increment of credit for work done at the college from which he comes; the credit granted for the work at the other college in no case exceeds twenty (20) hours a term, or sixty (60) hours a year. Each semester hour at a college is considered as one and one-half ( $1\frac{1}{2}$ ) term hours. Blank forms for certification of collegiate work done at another institution may be obtained from the Registrar.

### General Honors

On graduation the students whose work meets the requirements stated in the following paragraphs are granted their degrees with honors.

A student all of whose grades are "A" and "B" is eligible to honors on graduation and, unless the Faculty rules otherwise, receives the honor, "cum laude."

An honor student, two-thirds of whose grades are "A" is recommended to the Faculty for the honor "magna cum laude."

An honor student all of whose grades are "A" may be recommended to the Faculty for the honor, "summa cum laude."

### Departmental Honors

A student who has completed two full years of college work and has maintained an honor standing in at least four-fifths of his studies, may at the beginning of his third (junior) year select a department in which he has not

fallen below honor grade, in which department he shall do two-fifths of his work in his third (junior) year and three-fifths in his fourth (senior) year. The remainder of his studies shall be taken outside of the department that he has chosen and are free electives subject only to the requirements of the general course of study.

During the fourth (senior) year, it is at the discretion of the instructor or instructors to conduct seminars in the chosen department and to substitute research work and thesis for the regular class room exercises and examinations.

A candidate for departmental honors who falls below honor grade in the studies of his chosen department at the end of any term, is required to give up the course for special honors and to resume the regular course of study.

A student who has successfully completed the studies of his chosen department and has maintained honor standing in them and who has not fallen below "C" in non-departmental studies receives special honors in his department and has the same indicated upon his diploma.

An honor student is required to elect a major and a minor within his chosen department, the major to include three-fifths and the minor two-fifths of the honor work of the last two (junior and senior) years.

It is understood that where two or more professors are assigned to a single department the one whose subject is the major in any given case is considered the head of the department for that student.

The following departments are open to students entitled to elect courses leading to departmental honors:

The Department of Philosophy and Education, in which either Philosophy or Education may be either a major or a minor.

The Department of History, Economics and Politics, in which either History or Economics and Politics combined may be either a major or a minor.

The Department of English including English Literature as a major and either Composition and Oratory or English Bible as a minor.

The Department of Classical Languages including Latin and Greek, either of which may be a major or a minor. Archaeology and Sanskrit are included in this department as elective but non-honor subjects.

The Department of Modern Languages, including French and German, either of which may be a major or a minor. Spanish, Italian and Romance Philology are included in this department as elective but non-honor subjects.

The Department of the Sciences and Mathematics, including Chemistry, Physics, Biology and Mathematics of which any two constitute a department for the student electing them; the other two are considered extra-departmental. Agriculture, Astronomy, Geology and Mechanical Drawing are included in this department as elective but non-honor subjects.

### **Regulations Governing Intercollegiate Contests**

Only collegiate students may represent the College on teams of recognized college organizations. Absences incurred by the student, while representing a recognized college organization, are not counted off his gratuity.

No student, who has failed in more than one subject during his preceding term in college, may represent the institution on collegiate organizations.

No student doing "E" or "F" grade work in more than one subject may represent the college on collegiate organizations.

No student may represent the college on any one recognized college organization more than four years.

The coach in charge of team shall furnish the Secretary with an authorized list of team men, which list shall be read at the regular meeting of the Faculty preceding the contest.



### Intercollegiate Debating

At the opening of the fall term all students intending to enter the preliminary contest are required to join a Debating League, which meets weekly during the term and is under the direction of a professor named by the Committee on Debating, or by the Faculty. The general principles of argumentation and the art of debating are studied until November 1st. After that date the questions submitted by contesting colleges or to be submitted to other colleges are studied. The choice of questions and of sides is determined by the members of this class and the Faculty Committee in conference.

The preliminary debate is open only to members of the Debating League and is held on the first Friday evening of the winter term. At this contest two teams are selected, consisting of three members and an alternate each. The special training of the teams thus chosen is under the direction of the Committee.

All arrangements for intercollegiate debates are in charge of the Faculty Committee; such debates are held as far as possible, during the last two weeks of the winter term or the first two weeks of the spring term; the selection of judges for such debates at home and abroad, and the entire management of the local debate are in the hands of the Committee and the team concerned.

The work of the Debating League in the fall term counts as a one hour course in English.

The work of the teams who represent the college in intercollegiate debates counts as a two hour course in English.

## GRADUATE DEGREES

During the summer term, there is a special department of philosophy, offering courses leading to the degree of Master of Arts in philosophy. In addition to the work in this department, the various departments of the College (page 38) offer work leading to the masters' degrees. The requirements for the graduate degrees are stated below. As the work for the graduate student is largely of special character depending on the nature of his aim and previous training there is no mention made of graduate courses in lists of courses in the majority of the departments (pages 54 to 96).

### Requirements for the Masters Degree

The possession of baccalaureate degree (A. B., Litt. B., Ph. B., or B. S.) or what the Matriculation Committee regard as the equivalent, is essential.

Every candidate, when admitted and before entering on the course of study, is required to pay a matriculation fee of \$5.00.

Each candidate for the degree is required to complete three terms work in residence within three calendar years from the date of his matriculation. The regular schedule of work shall be four courses per term to be distributed as follows: Three within the department, the fourth outside the chosen department. All courses are to be chosen in consultation with, and with the consent of the Registrar and the Head of the Department in which the student's major work is taken. Any course may be elaborated by assigned reading or research work.

The work of the candidate may not fall below honor rank (A or B). In case the candidate's work falls below this standard the Matriculation Committee, in consultation with the head of the department in which the student



is majoring, may assign additional work or may require the student to abandon the course.

A thesis on a subject growing out of the student's main line of study is required. The subject for this thesis is chosen in consultation with the head of the department and must manifest ability to do independent work and to judge the relative values of various sources of information. The thesis is to be typewritten with black record ribbon, double space, on good quality paper of letter size, 8½x11 inches. There is to be a margin of 1½ inches at the left hand edge and 1 inch on the other three sides. When handed in, the thesis becomes the property of the College. It is to be handed in not later than April 20th of the third year following the student's matriculation. After this has been accepted the student may be asked to present himself for final examination.

When the thesis has been accepted the candidate is required to pay a diploma fee of \$10.00. When all requirements have been met, he is recommended for the Master's Degree which is conferred upon him in person at the following Commencement.

## GENERAL INFORMATION

### PREPARATION FOR RELIGIOUS WORK

The number of graduates of the College who have taken up some form of religious work is large. Strong work in the Classics, English and Philosophy has built a solid foundation for later development. Every year a number of graduates enter the various theological seminaries. The reports from these schools show that the graduates of Grove City College are well trained in habits of thought and study.

### THE SUMMER TERM

The College conducts its work on a four terms system. During the summer a nine weeks term of collegiate and preparatory work is conducted. On the program of this term there are classes of all grades in each of the various departments. Although the term is shorter than those of the regular year, the work is carried on more intensively than in the other terms and there is no athletic or club work to distract. In this manner as much work can be accomplished as in any of the regular terms.

For a number of years the College has been making a specialty of graduate work in Philosophy during the summer. For the summer term of 1916 courses were given by Professor O. O. Fletcher of Furman University, Greenville, South Carolina, and Dr. Ralph T. Flewelling, Boston, Mass. In addition to the above, Professors Calder, Henderson and Doxsee of the regular College Faculty, each gave courses in the graduate school of Philosophy.

Early in August the Grove City Bible School holds its session. The morning is confined to lectures on various topics of special interest to Clergymen. The afternoon is devoted to the work of the Mission School which is of great interest to all those in any way connected with religious work. The evening is devoted to preaching service. The

following appear on the program for 1916: Dr. W. L. McEwan, Pittsburgh, Pa.; Dr. John McNeill, Denver, Colorado; Dr. Francis L. Patton, of Princeton University; Professor George L. Robinson, McCormick Theological Seminary; Professor William H. Johnson, Lincoln University, Lincoln University, Pa.; Dr. McClurkin, Pittsburgh, Pa.; Professor Machen, Princeton Seminary; Professor George Sleeth, of Pittsburgh; Bishop and Mrs. Oldham, New York; Dr. Losa, of Pittsburgh, and Dr. McKean, of Siam.

Running alongside the work in collegiate and preparatory departments is a six weeks course of special interest to teachers. In this school classes in all the subjects required for teachers' certificates are taught. In addition to this there are classes in methods, play ground work and in other subjects of interest to teachers.

#### **PREPARING FOR TEACHING**

The graduate of a college is eligible to receive a provisional college certificate from the Department of Public Instruction of Pennsylvania, if during his college course he has completed two hundred recitation hours' work in educational subjects. This requirement is covered by a credit of seventeen hours. The educational subjects include psychology, ethics, logic, history of education, school management and methods of teaching. As six hours of psychology and three hours of logic are required of all candidates for degrees, many have availed themselves of the work offered in Education to complete the requirement for teachers' certificates. After teaching successfully for three years, the holder of a provisional college certificate is eligible to receive the permanent college certificate.

#### **WORK PRELIMINARY TO MEDICINE AND ENGINEERING**

If a young man, after graduating from high school, has spent two years in the cultural, humanitarian atmo-

sphere of a college of liberal arts, he has received a fundamental training in the best things which enables him to grasp more quickly and to use better a later training in applied science. The student who is well grounded in pure science can with little effort develop in the sphere of applied science. He is a better engineer or doctor for his training in college; in addition to this he is a better citizen, more in sympathy with his fellow citizens and better able to assist in the solution of economic problems. Grove City College offers thorough work in the fundamentals of mathematics, physics, chemistry and biology. This fundamental work in these subjects is carried on with the ideal of pure science rather than that of utilitarianism. With two years at college, a young man who has availed himself of the opportunities in science and mathematics can complete a course in an engineering school in three years.

For those intending to enter medical schools, the College offers opportunities for receiving instruction to meet the requirements of the best schools, and of the strongest state boards of control of medical certification. The requirement is one year's credit in work of collegiate grade in each of the three sciences, biology, chemistry and physics. In each case at least two recitations and two laboratory periods a week are required in the science. To meet this requirement the student should take Biology 11 (page 90), Biology 16 and 17 (page 92), Chemistry 11 B, 12 B and 13 B, (page 83), and Physics 21 B, 22 B and 23 B, (page 88). As this work requires three terms of each of three sciences with three recitations and two laboratory periods each week, it is not advisable for a student to attempt to meet the medical requirement in less than five terms. The work in the three sciences means nine recitations and about fifteen hours of work in the laboratory each week. Some medical schools require two years of college work as a condition of entrance. By spending

two years at the College a graduate of a four year high school can complete the science requirement outlined above and in addition take a liberal amount of work in English, mathematics and language.

### THE TOWN

Grove City College is located in Grove City, Pennsylvania, a town of about five thousand, on the Bessemer and Lake Erie Railroad. The town is 1300 feet above sea level and is supplied with pure water from artesian wells. The health conditions are excellent. This, together with the beauty of the surroundings and progressive character of the town, gives Grove City advantages possessed by few college towns. Connections are made at Butler with the Buffalo, Rochester & Pittsburgh and the Pennsylvania Railways, at Mercer with the Pennsylvania, at Shenango with the Erie and the Pennsylvania, and at Osgood with the Lake Shore. There are four daily trains to Pittsburgh and to Erie.

### THE CAMPUS

The campus of about fifty acres is located in the center of the town and is divided into two nearly equal portions by Wolf Creek. On the right bank are the college buildings and the athletic field; on the left bank are the dormitory for men, and woodlands. The college buildings are heated with steam and lighted with electricity supplied from a central power plant.

### THE BUILDINGS

The Administration Building, erected in 1888, is a four-story brick building and contains the offices, a chapel room, several recitation rooms, two laboratories for chemistry, two large rooms for use of the commercial school, and clubrooms for the four literary societies.

Recitation Hall, a two-story brick building erected in 1879, contains six recitation rooms, the art studio, and two rooms for biology.



Physics Building, erected 1902, contains a lecture room, several laboratories, and a large room for mechanical draughting. It is well equipped with apparatus for instruction in both general and advanced physics.

Ivy Chapel contains a small auditorium for the use of the student organizations, a large recitation room, and a rest room for the young women of the college.

Carnegie Library contains, in addition to the library and reading room, a public auditorium with seating capacity for six hundred, in which is a two-manual pipe organ.

Music Hall, erected 1895, is equipped with auditorium, recitation and practice rooms, containing the facilities for carrying on the work of the Conservatory of Music.

The Gymnasium, erected 1912, is a large and modernly equipped building for the general use of the Athletic Department. It is a substantial brick and steel structure, three stories high, 120 feet long and 60 feet wide, and contains in addition to locker rooms, a swimming pool, shower baths, baseball cage, Varsity room and visiting team room on the first floor; reception room, Athletic Director's rooms, office and kitchen on the second floor; and on the third floor, in addition to the running track, a large private room and a number of study rooms for gymnasium caretakers.

The Colonial, Pelton and Cunningham, the dormitories for young women, and Memorial Hall, the dormitory for young men, are described in the section for room and boarding.

### THE COLLEGE

Grove City College is a non-denominational Christian College. No religious test is required of members of the Board of Trustees, Faculty, or student body. The College emphasizes Christian character, and from it there go out many young men and women to enter the gospel ministry or engage in other Christian work. More men enter the



gospel ministry from this institution than from any other college in Pennsylvania. Each year, in August, a Bible Conference is held under the auspices of the College. This Conference continues ten days, and at it special courses by distinguished scholars and clergymen from both sides of the Atlantic are offered.

College work is begun each day with devotional exercises. Divine services are held each Sabbath morning in the chapel. College prayer-meetings are held regularly during each session.

Grove City College stands for classical education broadened by thorough work in mathematics and the sciences.

#### HOSPITAL

Largely through the influence of the College, a hospital was established in Grove City, where the sick of the College receive the best attention by trained nurses and under the supervision of a competent superintendent. The hospital building is near the college grounds and is well located. It has all the modern conveniences and appliances and has gained a very enviable reputation for the excellent care given to the patients, and the fine work done by the physicians and surgeons of the hospital staff.

The hospital expenses of students are met through a special fund set apart for this purpose. In every case the hospital expenses (not medical fees) are met by the College up to an amount not exceeding \$40.00 per student.

#### Student Organizations

There are four literary societies in the college—Shakespeare and Webster, for young men; Speedwell and Philokalian for young women. These societies have been in existence from twenty to thirty years, and are composed of the best talent in the student body. Each society has its own club room which is well furnished and equipped. The order of exercises includes orations, de-

bates, music, impromptu speeches, and friendly criticism.

There are healthy, active branches of both Y. M. C. A. and Y. W. C. A. among the students.

### Rooms and Boarding

The Colonial, Cunningham and Pelton Halls—the ladies dormitories—are under the immediate control of the Dean of Women, and are designed to provide comfortable and pleasant homes for young women. Students from out of town are required to room and board at the dormitories. The students rooms are arranged, mostly in suites of two with bath room for each suite; there are also some single rooms with bath. Each room is furnished for occupancy by two girls. Each girl furnishes her own towels and bed linen which are laundered by the College. The personal linen of each girl is laundered at her own expense, either at the Colonial or elsewhere.

Room and boarding at the Colonial for the twelve weeks session is \$66.00 for the term, two girls occupying a room. On the fourth floor the rate is reduced to \$57.00 a term, two girls occupying a room. On the fourth floor, three girls occupying one large room, can be accommodated at \$57.00 for the term of twelve weeks. On lower floors where three occupy a room a charge of \$60 is made for the term of twelve weeks.

At the Pelton and Cunningham Cottages room and boarding is furnished at \$57.00 a term of twelve weeks, two occupying a room.

Memorial Hall, the dormitory for young men, was erected in 1914, equipped and furnished as a memorial to Joseph Newton Pew, who was for many years the President of the Board of Trustees of Grove City College and who had a very vital part in the development and growth of the institution. The building is located on high ground on the left bank of the creek, overlooks the campus and commands a view of the surrounding country. It is of

thoroughly fire-proof construction throughout. The building is divided into five separate houses or entries separated from each other by fire-walls.

There are accommodations for approximately one hundred and ten students. A number of different and very attractive arrangements of rooms has been provided. In the end sections, there are a number of large rooms for two students. Each room has two large wardrobes with shelves and plenty of hooks, and is located near a bath room. In most cases the rooms are arranged in suites. Each suite has a large study room with two or three single bedrooms and opens directly into a bathroom.

The furnishings of the building received the special attention of the donors and the result is that in the furniture and equipment the building is believed to have no superior. The furniture is of solid fumed oak and is of the modified mission type. It is substantial and gives one the impressions of permanence and elegance. The beds are enameled malleable iron and are fitted with the best grade of springs and mattresses. In each study room there are large desks with drawers for each student, desk chairs, a rocker, a most comfortable and especially designed couch, and, also, what adds much to the appearance of the room, an open fireplace with a mantel.

The prices charged include rentals for room, furniture, with mattresses, pillows and blankets, janitor service, and heat and light. Few colleges in the country are so liberal in their provisions. The student need only furnish bed-linen and towels and care for the same.

The boarding department is run on the plan that allows the student to control his menu to a large extent. A minimum rate of \$2.50 is charged and for this rate the student is given the fare which constitutes a very simple meal. Various special dishes are on the bill of fare for each meal; these are sold to the student. By taking advantage of these special dishes the student supplements

the regular meal; the total cost ranges from \$2.75 to \$3.75 per week. It is only occasionally that the student exceeds \$3.25.

Beginning with September, 1916, all Freshmen and new students not from Grove City will be required to live at Memorial Hall.

The general control of Memorial Hall is in the hands of a student committee working under the Advisory Committee of the Faculty. This committee is elected by the students residing at Memorial Hall from among their number and elects one of its members as House President. The committee has general charge of all questions of order and discipline, though the Faculty reserves the right to veto in their actions.

Many out of town young men room in private homes where a furnished room, including light and heat, for two students averages \$20 per term. Boarding may be had in clubs conducted on the co-operative plan at a cost of \$2.75 to \$3.25 per week.

The necessary expenses a term for women are:

Tuition .....	\$29.00	\$29.00
Room and Boarding.....	\$57.00 to	\$66.00
Books, about .....	\$ 5.00	\$ 5.00
Total .....	\$91.00	\$100.00

The necessary expenses a term for men in Memorial Hall are:

Tuition .....	\$29.00	\$29.00
Room and Boarding.....	\$42.00 to	\$63.00
Books, about .....	\$ 5.00	\$ 5.00
Total .....	\$76.00	\$97.00

The necessary expenses a term for men who room in town are:

Tuition .....	\$29.00	\$29.00
Room .....	\$10.00 to	\$12.00
Boarding .....	\$31.00 to	\$36.00
Books, about .....	\$ 5.00	\$ 5.00
Total.....	\$75.00	\$82.00

### Tuition and Expenses

Tuition .....	\$29.00
Special examination in any subject.....	1.00
Mechanical drawing .....	5.00
Physics laboratory .....	2.00
Biology laboratory .....	\$ 2.00 or \$ 3.00
Chemistry laboratory .....	\$ 3.00 or \$ 4.00
Surveying .....	\$ 3.00
Board and room at the Colonial, ladies, a term.....	\$57.00 to \$66.00
Board and room at the Pelton or Cunningham, ladies, a term.....	\$57.00
Board and room at Memorial Hall, men, a term.....	\$42.00 to \$63.00
Rooms, men, a term.....	\$10.00 to \$12.00
Boarding in clubs, a week.....	\$ 2.75 to \$ 3.25

All tuitions and other college bills are due at the opening of the term; students who have not paid these bills or arranged for their payment, will be excluded from classes after the first week of the term. Laboratory fees must be paid by the end of the third week of the term. Students with unpaid laboratory fees are excluded from classes at the beginning of the fourth week.

No registration or matriculation fee is charged; no entrance fee is charged to college athletic games.

A student leaving college during the first four weeks of the term is refunded one half all tuitions. Students resident in the college dormitories who leave before the end of the term are charged rental for the room for the full term and are refunded any unused boarding (a fraction of a week is charged to the student as a full week).

## DEPARTMENTS OF INSTRUCTION

On the following pages is given an account of the work done in each course in the various departments. The courses are numbered as follows: Freshman courses, 11 to 19; Sophomore courses, 21 to 29; Junior courses, 31 to 39; Senior courses, 41 to 49; Graduate courses, above 50. The courses are regularly taught as follows: In the fall term, courses 11, 15, 21, 25, 31, 35, 41, 45, 51, 55; in the winter term, courses 12, 16, 22, 26, 32, 36, 42, 46, 52, 56; in the spring term, courses 13, 17, 23, 27, 33, 37, 43, 47, 53, 57; in the summer term courses 14, 18, 24, 28, 34, 38, 44, 48, 54, 58. Some courses are repeated other terms; this is particularly true in the summer term.

Following the description of each course is given the name of the text used, the titles of courses which are requisite to the work of the course, and statement of the credit given for the course. In all courses an equivalent text may be substituted for the one named.



## DEPARTMENT OF PHILOSOPHY AND EDUCATION

### Philosophy

*Professor Calder*

PHILOSOPHY 33. Logic. Taylor: Elements of Logic (Psychology 31 and 32). Credit 3 hours.

PHILOSOPHY 35. Introduction to Philosophy. A study of the general problems of Philosophy, the aim of the course being to familiarize the student with the point of view and the terminology of Philosophy. Lectures and assigned readings. (Psychology 32 and Philosophy 33 are advised). Credit 3 hours.

PHILOSOPHY 37. Metaphysics. Lectures and assigned readings, treating of ontology, cosmology, and the general theory of reality. Ormond: Concepts of Philosophy, or Ketler: Studies in Metaphysics, and Taylor: Metaphysics. (Philosophy 35). Credit 3 hours.

PHILOSOPHY 43. Ethics. A constructive study of ethical theory with an account of its philosophical basis, and a review of the great historical systems. D'Arcy: Ethics. (Psychology 32). Credit 3 hours.

PHILOSOPHY 45. History of Philosophy, first term. A study of Greek and Mediaeval Philosophy. Thilly: History of Philosophy, or Cushman: History of Philosophy, Vol. I. Credit, 3 hours.

PHILOSOPHY 46. History of Philosophy, second term. A study of Modern Philosophy. Thilly: History of Philosophy, or Cushman: History of Philosophy, Vol. 2. Credit, 3 hours.

### Psychology

*Professor Henderson*

PSYCHOLOGY 31. General Psychology, first term. A study of the senses and intellect. Angell: Psychology. Credit, 3 hours.

PSYCHOLOGY 32. General Psychology, second term. A study of the feelings and will. Angell: Psychology. (Psychology 31). Credit, 3 hours.

PSYCHOLOGY 33. Genetic Psychology. A study of the phenomena of growth and development. Kirkpatrick: Genetic Psychology. (Psychology 32).

Credit, 3 hours.

PSYCHOLOGY 37. Educational Psychology. A study of the science of education, or the scientific foundations of the art of teaching, in so far as that science or those foundations are concerned with psychology. Horne: Psychological Principles of Education. (Psychology 32).

Credit, 3 hours.

PSYCHOLOGY 43. Social Psychology. A study of the nature of the social mind, and its products. Ross: Social Psychology. (Psychology 32). Credit, 2 hours.

PSYCHOLOGY 47. Abnormal Psychology. A study of the abnormal phases of consciousness and their relation to the normal mental life. Credit, 3 hours.

### Education

*Professor Henderson*

EDUCATION 31. History of Education, first term. An introductory study of the leading national movements and educators. Monroe: A Textbook in the History of Education: Primitive Peoples to the Middle Ages.

Credit, 3 hours.

EDUCATION 32. History of Education, second term. A continuation of Education 31. Monroe: A Textbook in the History of Education; Middle Ages to the Present Time. (Education 31 is advised). Credit, 3 hours.

EDUCATION 35. History of Secondary Education. A study of the historical development of the high school, for the purpose of giving a proper perspective for the consideration of present constructive problems. Brown: The Making of Our Middle Schools. (Education 31, or Education 32). Credit, 2 hours.

EDUCATION 36. General Methods. A study of the fundamental principles of class management and of the technique of class instruction, with special reference to the secondary school. Credit, 2 hours.

EDUCATION 41. Principles of Education. A study of the fundamental principles which underly a thorough system of education. Ruediger: Principles of Education. Credit, 2 hours.

EDUCATION 42. Principles of Secondary Education. A study of the special problems characteristic of the high school, and the relation of these problems to the general principles of education. Monroe: Principles of Secondary Education. (Education 41 is advised). Credit, 3 hours.

EDUCATION 43. Philosophy of Education. A study of the interrelated forces in the field of education, to give a comprehensive view of the educational situation. Horne: Philosophy of Education. Credit, 2 hours.

EDUCATION 45. High School Education. A study of the courses of the high school program of study, for the purpose of determining their educational value. Johnston: High School Education. Credit, 2 hours.

EDUCATION 46A. Social Principles of Secondary Education. A study of the problems of the high school with especial reference to modern social demands and their specific adjustments. Johnston: The Modern High School. Credit, 2 hours.

EDUCATION 46B. Education of the Exceptional Child. A study of individual differences in general, backwardness, precocity, feeble mindedness, and specialized mental defects, their detection and method of treatment. Credit, 2 hours.

EDUCATION 47. High School Supervision. A study of the essential features of school management, with special reference to the problems of the high school. Hollister: High School Supervision. Credit, 2 hours.

## DEPARTMENT OF HISTORY, ECONOMICS AND POLITICS

### HiStory

*Professor Brown*

HISTORY 21. Mediaeval History. A survey of Europe from the Fall of Rome to the Protestant Reformation. Robinson: History of Western Europe.

Credit, 3 hours.

HISTORY 22. Modern History. A continuation of History 21, beginning with the Protestant Reformation and extending through the French Revolution. Scheville: Political History of Modern Europe. Credit, 3 hours.

HISTORY 23. Nineteenth Century History. A continuation of History 22, beginning with European Reconstruction in 1815, and extending to the present time. This course will include colonial expansion, the unification of Italy, the formation of the German Empire, and modern social and economic problems. Robinson and Beard: The Development of Modern Europe. Credit, 3 hours.

HISTORY 25. English History, first term. A study in English Industrial and Social History. Cheyney: Industrial and Social History of England. (History 21 and History 22; History 23 is advised). Credit, 2 hours.

HISTORY 26. English History, second term. A continuation of History 25. Credit, 2 hours.

HISTORY 27. English History, third term. A continuation of History 26. Credit, 2 hours.

HISTORY 41. American History, first term. A study in Colonial History, beginning with the European background and voyages of discovery, and extending to the formation of the Constitution. Elson: History of the United States. Credit, 3 hours.

HISTORY 42. American History, second term. A continuation of History 41, extending from the formation

of the Constitution to the Civil War. A study in the constitutional, political and economic problems of that period. Elson: History of the United States. (History 41).

Credit, 3 hours.

HISTORY 43. American History, third term. A continuation of History 42, extending from the Civil War to the present time. A study in reconstruction and the problems of the new, or business age. Elson: History of the United States. (History 42).

Credit, 3 hours.

### Economics

ECONOMICS 31. A general introductory course. Taussig: Principles of Economics.

Credit, 3 hours.

ECONOMICS 32. A continuation of Economics 31. Taussig: Principles of Economics. (Economics 31).

Credit, 3 hours.

ECONOMICS 33. A continuation of Economics 32; a general study in modern economic problems. Taussig: Principles of Economics. (Economics 32).

Credit, 3 hours.

### Politics

GOVERNMENT 11. A study of the fundamentals in American federal, state and municipal governments. Forman: Advanced Civics, and reference work. This is a freshman course and is not open to upper classmen.

Credit, 2 hours.

GOVERNMENT 12. A continuation of Government 11. Forman: Advanced Civics.

Credit, 2 hours.

POLITICAL SCIENCE 41. An introduction to the study of Political Science. Leacock: Elements of Political Science. (History 21, History 22 and History 23 are advised).

Credit, 3 hours.

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POLITICAL SCIENCE 42. A study in Modern European Governments. Ogg: European Governments. (Political Science 41). Credit, 3 hours.

POLITICAL SCIENCE 43. A continuation of Political Science 42. Ogg: European Governments. Credit, 3 hours.



## DEPARTMENT OF ENGLISH

### English

*Professor Doxsee, Professor Barnes*

*The Bible: Professor Calder*

*Oratory: Miss Griffin*

ENGLISH 11. Composition and Rhetoric, first term. A textbook is used as a basis for class room work, together with selections from various authors. The principles of composition and rhetoric are derived from the study of the text and selections. Frequent papers are required in the course. The work is carried on in small sections so that the individual student may receive close attention. Two periods a week. Denny: Paragraph Writing. Professor Barnes.

ENGLISH 11 and ORATORY 11 are combined as one course. Credit, 3 hours.

ENGLISH 12. Composition and Rhetoric, second term. A continuation of English 11. Two periods a week. Professor Barnes.

ENGLISH 12 and ORATORY 12 are combined as one course. Credit, 3 hours.

ENGLISH 13. Composition and Rhetoric, third term. A continuation of English 12. The work of English 13 is largely argumentation. Two periods a week. Professor Barnes.

ENGLISH 13 and ORATORY 13 are combined as one course. Credit, 3 hours.

ENGLISH 15, ENGLISH 16 and ENGLISH 17 are courses paralleling English 11, English 12, and English 13, respectively. English 15 is largely a study of classics while English 16 and English 17 are devoted to Rhetoric. These courses meet three times a week and are planned for Conditional Freshmen and others whose work in com-

position shows insufficient preparation for English 11, 12 and 13. These courses are combined with Oratory 11, Oratory 12 and Oratory 13, respectively, as single courses, each combined course giving a credit of four hours.

Three terms of rhetoric and oratory are required of all Freshmen.

ENGLISH 31. Introduction to English Literature, first term. Classroom reading and discussion of works illustrative of the various types and periods of English Literature. Manly: English Prose and Poetry. (English 13 or English 17).

Credit, 3 hours.

Professor Doxsee.

ENGLISH 32. A continuation of English 31.

Credit, 3 hours.

Professor Doxsee.

ENGLISH 33. A continuation of English 32.

Credit, 3 hours.

Professor Doxsee.

ENGLISH 35. The Novel. A study of selected typical novels illustrative of important phases of English fiction. (English 33).

Credit, 3 hours.

Professor Doxsee.

ENGLISH 36. A continuation of English 35.

Credit, 3 hours.

Professor Doxsee.

ENGLISH 37. A continuation of English 36.

Credit, 3 hours.

Professor Doxsee.

ENGLISH 41. American Prose. A survey of prose literature in the United States. Bronson: American Prose. (English 33).

Credit, 3 hours.

Professor Doxsee.

ENGLISH 42. A continuation of English 41.

Credit, 3 hours.

Professor Doxsee.

ENGLISH 43. A continuation of English 42.

Credit, 3 hours.

Professor Doxsee.

ENGLISH 45. American Poetry; Bryant, Poe, Emerson, Page: The Chief American Poets. (English 33).

Credit, 2 hours.

Professor Barnes.

ENGLISH 46. American Poetry; Emerson, Longfellow, Lowell. Page: The Chief American Poets. (English 33).

Credit, 2 hours.

Professor Barnes.

ENGLISH 47. American Poetry; Whittier, Whitman, Lanier. Page: The Chief American Poets. (English 33).

Credit, 2 hours.

Professor Barnes.

ENGLISH POETRY of the Nineteenth Century, first term; Wordsworth, Coleridge, Byron. Page: British Poets. (English 33).

Credit, 3 hours.

Professor Doxsee.

ENGLISH POETRY of the Nineteenth Century, second term; Shelley, Keats, Arnold. Page: British Poets. (English 33).

Credit, 3 hours.

Professor Doxsee.

ENGLISH POETRY of the Nineteenth Century, third term; Tennyson, Browning. Page: British Poets. (English 33).

Credit, 3 hours.

Professor Doxsee.

### Anglo-Saxon

*Professor Barnes*

ANGLO-SAXON 41. An elementary course in Old English. Bright: Anglo-Saxon Reader. (English 33).

Credit, 2 hours.

This course may be continued for the winter and spring terms, also.

### Library Work

#### BIBLIOGRAPHY AND GENERAL REFERENCE.

The purpose of this course is to train students in the proper use of the library and to familiarize them with the principal reference books. It comprises lectures on classification of books, the catalogue, indexes, dictionaries, encyclopaedias, public documents, graded lists of children's literature, selection and management of school libraries, story telling.

The student is given test problems and reference lists to work out. Stress is laid upon current events and the best sources for such. A bibliography on some approved subject is required of each student.

Practice work: As the library is free to both College and town the work at the desk gives the student in charge practical experience in work with both adults and children. Practice work in the story hour is given to those desiring special work with the children.

The course for the first term is a general course and is without college credit. The class for the second term and third term is formed from those who have shown marked ability in the first term's work.

Lecture, 2 hours; Practice work, 3 hours, throughout the year.

For second and third terms, credit, 1 hour.

Miss Dunbar.

### The Bible

*Professor Calder, Professor Henderson*

BIBLE 21. Old Testament History: the Hebrew Patriarchs and the early Founders of the Nation. A study of the books from Genesis to Ruth, in the light of corroborative testimony from other sources. Credit, 2 hours.

Professor Calder.

BIBLE 22. Old Testament History: the Hebrew Monarchy, the Exile, and the Restoration. The historical books from Samuel to Esther will be studied, supplemented by historical data from the prophets and outside sources.

Credit, 2 hours.

Professor Calder.

BIBLE 23. The Hebrew Prophets. An introduction to the study of Prophecy, with the special study of one or more of the books of the Major Prophets. Credit, 2 hours.

Professor Calder.

BIBLE 24. Hebrew Wisdom Literature. A general introduction to the works of the Hebrew Sages and poets with a special study of Job.

Credit, 2 hours.

Professor Calder.

BIBLE 31. The Life of Christ. Stevens and Burton: Harmony of the Gospels.

Credit, 3 hours.

Professor Henderson.

BIBLE 32. The Apostolic Church. The history of the Acts and Epistles, with a special study of selected Epistles. Burton: Records of the Apostolic Age.

Credit, 3 hours.

Professor Henderson

BIBLE 33. A History of the English Bible, including manuscripts and versions; biblical problems.

Credit, 2 hours.

Professor Henderson.

### Oratory

*Miss Griffin*

ORATORY 11. Interpretation and presentation of literature. Exercises for freeing the body and the voice. Emerson: Evolution of Expression. Two recitations and one recital period a week.

ORATORY 11 and ENGLISH 11 are combined as one course.

Credit, 3 hours.

ORATORY 12. A continuation of Oratory 11. Two recitation and one recital period a week.

ORATORY 12 and ENGLISH 12 are combined as one course. Credit, 3 hours.

ORATORY 13. A continuation of Oratory 12. Two recitation and one recital period a week.

ORATORY 13 and ENGLISH 13 are combined as one course. Credit, 3 hours.

ORATORY 11, ORATORY 12, and ORATORY 13 are combined with English 15, English 16 and English 17, as single courses, each combined course giving a credit of 4 hours. Three terms of Oratory and Rhetoric are required of all Freshmen.

ORATORY 21. Advanced Oratory. Attention is paid to detail work. The work in interpretation and recitals is continued, Pantomime, physical culture, vocal culture, impersonation, and the story are taken up. Four periods a week. Credit, 2 hours.

ORATORY 22. A continuation of Oratory 21. Four periods a week. Credit, 2 hours.

ORATORY 23. A continuation of Oratory 22. Four periods a week. Credit, 2 hours.

ORATORY 31, 32, 33, 41, 42, 43, do not yield credit applying toward the requirements for a baccalaureate degree. Students graduating in any of the academic courses who have taken the four years work in Oratory will be given a special certificate in Oratory. Those students who took advanced courses in Oratory during the college year 1915-16 are eligible to Oratory 31. The special certificate will be awarded to those of the class of 1918 and subsequent classes who complete the work as outlined.

ORATORY 31. Gesture and platform deportment; poetic interpretation and prose forms; dramatic interpretation. One act plays—a play selected according to the



number of students in the class will be presented during the year. Study of extracts from leading orators; public recitals. (Oratory 23). Four periods a week.

ORATORY 32. A continuation of Oratory 31. Four periods a week.

ORATORY 33. A continuation of Oratory 32. Four periods a week.

ORATORY 41. Physical culture (normal and drill); interpretation; debate; dramatics—study and presentation of one of Shakespeare's plays; public speaking; public recitals. (Oratory 33). Four periods a week.

ORATORY 42. A continuation of Oratory 41. Four periods a week.

ORATORY 43. A continuation of Oratory 42. Four periods a week.

## DEPARTMENT OF CLASSICAL LANGUAGES

### Latin

*Professor Calderwood; Associate Professor White*

LATIN 11. Cicero: De Senecute, and De Amicitia. A study of the text with reference to the grammar, contemporary history and philosophic thought. Chase and Stuart's edition is used. (Latin, 4 units).

Credit, 3 hours.

Professor Calderwood.

LATIN 12. Latin Composition. A thorough review of grammar and vocabulary. Barss: Latin Composition. Book II. (Latin, 4 units).

Credit, 3 hours.

Professor Calderwood.

LATIN 13. Livy, Book I. Books II, XXI or XXII, may be substituted for Book I. (Latin, 4 units).

LATIN 14. Latin Composition. A course similar to Latin 12, taught in the summer term. Arnold: Latin Composition. (Latin, 4 units).

Credit, 3 hours.

Professor Calderwood.

LATIN 21A. Plautus: Captivi et Trinummus. (Latin 11, or equivalent). Taught in 1916-17.

Credit, 3 hours.

Professor White.

LATIN 21B. Terence: Phormio and Selections. A study of the Latin Drama. (Latin 11, or equivalent). Taught in 1917-18.

Credit, 3 hours.

Professor White.

LATIN 22. Tacitus. Annals, Book I, or Germania and Agricola with contemporary history. (Latin 11, or equivalent).

Credit, 3 hours.

Professor White.

LATIN 23. Horace, Selections from the odes, epodes, and satires, with a study of the metre. (Latin 11, or equivalent).

Credit, 3 hours.

Professor White.

LATIN 24. Tusculan Disputations.

Credit, 3 hours.

Professor Calderwood.

LATIN 31A. Social Life at Rome in the time of Cicero; Fowler's text. Taught in 1916-17. Credit, 2 hrs.

Professor Calderwood.

LATIN 31B. Roman Political Institutions; Abbott's text. Taught in 1917-18.

Credit, 2 hours.

Professor Calderwood.

LATIN 32. Quintilian. Selections from Books X and XII. Discussion of Latin writers. (Latin 11).

Credit, 2 hours.

Professor Calderwood.

LATIN 33. Advanced Composition. Arnold: Latin Composition. (Latin 12).

Credit, 2 hours.

Professor Calderwood.

LATIN 34. Roman Historians. Scoon, Mierow and Jones: Selections from Roman Historians. (Latin 11).

Credit, 2 hours.

Professor Calderwood.

LATIN 41. Cicero's Letters. Selected letters. Abbott's Edition. (Latin 11, 12 and 13).

Credit, 2 hours.

Professor Calderwood.

LATIN 42. Suetonius. Selections from the Lives of the Caesars. Pike's Edition. (Latin 11, 12 and 13).

Credit, 2 hours.

Professor Calderwood.

LATIN 43. Vergil. Rapid reading in selected portions from Books VII to XII of Vergil's Aeneid. (Latin 11, 12 and 13).

Credit, 3 hours.

Professor Calderwood.

## Greek

*Professor Oliphant; Associate Professor White*

GREEK 11. The Elements of Greek. This course is for those who begin the study in College. It aims to secure a thorough mastery of the principal inflections, a careful study of the leading principles of syntax, the acquisition of a small but efficient vocabulary and a facility in reading and writing easy sentences in Greek. Due attention is given to cognate and derivative words and to comparison with Latin morphology and with Latin and English syntax. Ball: The Elements of Greek. (Latin, 2 units).  
Credit, 5 hours.

GREEK 12. The Elements of Greek. This continues Course 11 and concludes with a special review of irregular verbs and a study of word composition. (Greek 11).  
Credit, 5 hours.

GREEK 13. Xenophon: Anabasis, Book I. There is a rigid insistence upon an adequate and idiomatic translation and an accurate understanding and interpretation of the text. As an important ancillary, especial emphasis is laid upon the syntax of the case, mood, tense and participle. (Greek 12).  
Credit, 5 hours.

GREEK 21. Xenophon: Anabasis, Book II, and Prose Composition. To the studies emphasized in Course 13 is now added a special consideration of the outstanding stylistic features of Book II, as a propaedeutic to the student's later training in literary appreciation. About half the term is given to prose composition. (Greek 13).  
Credit, 5 hours.

GREEK 22. Xenophon: Anabasis, Books III and IV. This includes a study of Xenophon as man, commander and author, of the historical importance of the expedition, Hellenic tactics, etc. (Greek 21).  
Credit, 5 hours.

GREEK 23. Homer: Iliad. Books I and II, and se-

lections from others, with due attention to the language, verse and poetic qualities of Homer. (Greek 22).

Credit, 5 hours.

Courses 11, 12, 13, 21, 22, are each taught several times during the year by either Professor Oliphant or Professor White.

The following courses are taught 1916-17 by Professor Oliphant.

GREEK 31A. Herodotus: Selections. A reading of considerable portions of his *Historia* with a review of the origin of historical composition among the Hellenes and a study of the Ionic dialect. (Greek 22). Credit, 3 hours.

GREEK 32A. Plato: *Apology* and *Crito*. A study of the life of Socrates. (Greek 22). Credit, 3 hours.

GREEK 33A. Homer: *Odyssey*. Selections from Books I to XII. (Greek 23). Credit, 3 hours.

GREEK 34A. Xenophon: *Hellenica* or *Memorabilia*. (Greek 22). Credit, 3 hours.

GREEK 35A. Xenophon: *Minor Works*, usually the *Oeconomicus*, *Hiero* or *Agésilas*. (Greek 22).

Credit, 2 hours.

GREEK 36A. Greek Prose Composition. The writing of connected discourse in Greek and study of Greek and English idiom. (Greek 22). Credit, 2 hours.

GREEK 37A. Euripides: *Alcestis* or *Ion*. (Greek 23). Credit, 2 hours.

GREEK 38A. Cebes: *Pinax*, and Dion Chrysostomus: *Hunters of Euboea*, or equivalents. (Greek 22).

Credit, 2 hours.

GREEK 41A. Plutarch: *Life of Pericles*. A study of the "Golden Age of Athens." (Greek, 6 hours among courses 31-38). Credit, 3 hours.

GREEK 42A. Sophocles: *Oedipus Tyrannus*, *Antigone*. The Greek Theatre; Origin of Tragedy. (Same as for 41A). Credit, 3 hours.

GREEK 43A. Aristophanes: Frogs, Wasps. Origin of Comedy. (Greek 41 or 42). Credit, 3 hours.

GREEK 44A. Theocritus: Idylls. Influence on later pastoral poetry. (Same as for 41A). Credit, 3 hours.

GREEK 45A. Sophocles: Ajax, Electra or Philoctetes. (Same as 41A). Credit, 2 hours.

GREEK 46A. New Testament: Gospels. (Two courses from among Greek 41-45). Credit, 2 hours.

GREEK 47A. New Testament: Selected Pauline Epistles. (Two courses from among Greek 41-46). Credit, 2 hours.

GREEK 48A. New Testament: Acts. (Two courses from among Greek 41-47). Credit, 2 hours.

The following courses are taught 1917-18:

GREEK 31B. Lysias: Selected Orations. Lysias, exemplar of the "Plain Style," illustrates the straight-forward, practical oratory. (Greek 22). Credit, 3 hours.

GREEK 32B. Plato: Phaedo. A study of the greatest teacher of Hellenism on the loftiest and universally interesting subject, the immortality of the soul. (Greek 22). Credit, 3 hours.

GREEK 33B. Homer: Odyssey. Selections from Books XIII-XXIV. (Greek 23). Credit, 3 hours.

GREEK 34B. Thucydides: Selections or the Sicilian Expedition. (Greek 22). Credit, 3 hours.

GREEK 35B. Plato: Minor Dialogues. Usually Charmides, Laches, Lysis, Euthyphro, Ion or Menexenus. (Greek 22). Credit, 2 hours.

GREEK 36B. Greek Prose Composition. A course parallel to Greek 36A, and alternating with it. (Greek 22). Credit, 2 hours.

GREEK 37B. Euripides: Bacchae or Medea. (Greek 23). Credit, 2 hours.



GREEK 38B. Anthology of Hellenic Prose. Selections from Wright and Shadwell's Golden Treasury or similar works. (Greek 22). Credit, 2 hours.

GREEK 41B. Lucian: Selections from Vera Historia and Dialogues, illustrative of Lucianic fun and mischief, mastery of satire and modern spirit. (Same as for 41A). Credit, 3 hours.

GREEK 42B. Aeschylus: Prometheus Vincetus, Agamemnon. (Same as for 41A). Credit, 3 hours.

GREEK 43B. Aristophanes: Birds, Clouds. (Greek 41 or 42). Credit, 3 hours.

GREEK 44B. Attic Orators: Selections illustrative of various "styles" and authors. (Same as for 41A). Credit, 3 hours.

GREEK 45B. Elegiac, Iambic and Lyric Poets: Selected poems and fragments. (Same as for 41A). Credit, 2 hours.

GREEK 46B. New Testament: Catholic and Pastoral Epistles. (Two courses from among Greek 41-45). Credit, 2 hours.

GREEK 47B. Septuagint: Selections. (Two courses from among Greek 41-46). Credit, 2 hours.

GREEK 48B. New Testament: Selections. (Two courses from among Greek 41-47). Credit, 2 hours.

Undergraduates of marked proficiency may be admitted to courses 51 to 57. These courses will be conducted largely as seminars. Any one of them may be extended to two terms for more intensive work. Courses in such other fields as Greek Historiography, Romance, Dialectology, Papyrology, Byzantine Authors, Modern Greek, Historical Syntax, Comparative Philology including Phonology, Morphology, Etymology and Semasiology, may be substituted, if much preferred.

GREEK 51. Melic Poets: Selections. The principal

fragments of the great lyric poets, Alcman, Alcaeus, Sappho, Anacreon, Simonides, Stesichorus, etc., with longer selections from Pindar and Bacchylides. Also a study of lyric metres. (Greek 42 or equivalent).

Credit, 3 hours.

GREEK 52. Greek Drama: Selected Plays and Fragments. A study of the dramatic authors and their art. (Greek 42 or equivalent).

Credit, 3 hours.

GREEK 53. Greek Epigraphy and Palaeography. A number of inscriptions in different dialects and alphabets may be read from facsimile copies. Photographic reproductions of papyri and manuscripts will be used for the work in palaeography. (Greek 51 or 52).

Credit, 3 hours.

GREEK 55. Greek Oratory: Demosthenes: De Corona and illustrative selections from other orators and from literary critics, especially Dionysius Halicarnasseus. (Greek 51 or 52).

Credit, 3 hours.

GREEK 56. Greek Philosophy. The fragments of pre-Socratic philosophy may be read in Ritter and Preller and selections from Aristotle's Nicomachean Ethics or Plato's Republic. (Greek 51 or 52).

Credit, 3 hours.

GREEK 57. Greek Literature. A survey of the literature from Homer to the Alexandrian Age, with illustrative readings in prose and verse. (Greek 51 or 52).

Credit, 3 hours.

### Sanskrit and Indo-European Philology

SANSKRIT 41-43. The Elements of Sanskrit. The essentials of the grammar and the reading in Devanagari of such texts as the Nala Episode from Mahabharata, the Hitopadeca, the Katha-Sarit-Sagara, the Manava-Dharma-Castra. The Pancatantra, etc. (At least 2 years in each of 2 foreign languages, preferably Latin and Greek).

Credit, 3 hours.

SANSKRIT 45-46. The Rig Veda and the Atharva

Veda: Selected Hymns. The sacred literature of ancient India and the earliest monuments of Indo-European speech. Invaluable to the student of philology, comparative literature, comparative religion, folklore, etc. (Sanskrit 43). Credit, 3 hours.

SANSKRIT 47. Vedic Prose: Selections from the Catapatha Brahmana, Aitareya Brahmana, Chandogya Upanishad, Acvalayana Grihya Sutra, etc. (Sanskrit 41-43). Credit, 2 hours.

SANSKRIT 49. Sanskrit Drama: The Cakuntala of Kalidasa—the most admired work of “India’s Shakespeare.” (Sanskrit 41-43). Credit, 2 hours.

PALI 51-52. The essentials of Pali grammar and readings from the Dhammapada, Cullavagga, Petavatthu, Mahavagga, Jatakas, etc. (Sanskrit 45-46).

Credit, 3 hours.

AVESTAN 51-52. The essentials of the grammar and readings from the Scriptures of Zarathushtra (Zoroaster), the Yasna, Yashts and Vendidad. Valuable for philology and comparative religion. (Sanskrit 45-46).

Credit, 3 hours.

LITHUANIAN 51-52. The grammar and readings from the Lithuanian New Testament, the poems of Donalitis, the Dainos (folk-songs) and Pasukos (Maerchen). Valuable for philology, folk-lore, etc. (Sanskrit 41-43).

Credit, 3 hours.

PHILOLOGY 55-57. Comparative Philology of the Indo-European Speech. The Indo-European vowels, consonants, morphology, suffixes, etc., illustrated from the whole range of Indo-European speech. This course will be accompanied by an account of the early Indo-Europeans, their civilization, etc., and a survey of the Indo-European languages. (Sanskrit 43). Credit, 2 hours.

The foregoing courses will be given by the Greek department at any time that the demand may justify it, to

those students of marked linguistic ability who desire them as a propaedeutic to teaching the Classics or for the cultural value to be derived from such extension of linguistic and literary knowledge. Courses 41-43 and 55-57 are of great value to any student intending to teach any language, even his own.

### Archaeology

ARCHAEOLOGY 41A. Hellenic Archaeology. A study of the architecture, sculpture, terracottas, metal work, coins, engraved gems, vases, mosaics, etc., of ancient Hellas. Fowler and Wheeler: Greek Archaeology. (90 hours of college work). Taught in 1916-17.

Credit, 3 hours.

ARCHAEOLOGY 42A. Hellenic Archaeology. A continuation of 41A, together with a study of the topography, monuments and public antiquities of Athens as described by Pausanias. Fowler and Wheeler: Greek Archaeology. Frazer: Pausanias. (Archaeology 41A). Taught in 1916-17.

Credit, 3 hours.

ARCHAEOLOGY 41B. Hellenic Private Life. A study of the private-life of the Hellene from the cradle to the grave, including childhood, education, food, dress, marriage, condition of women, house and furniture, amusements, religion, slaves, funeral and burial customs, etc. (90 hours of college work). Taught in 1917-18.

Credit, 3 hours.

ARCHAEOLOGY 42B. Hellenic Public Life. A study of the public life of the Hellene, including politics, government, revenues, finance, manufactures, industries, trusts, commerce, exports and imports, insurance, wages, prices, interest, army, navy, fortifications, town planning, public buildings, parks, national games, international arbitration, courts of justice, public charities, professions, urban and rural life, etc. (Archaeology 41B). Taught in 1917-18.

Credit, 3 hours.

## DEPARTMENT OF MODERN LANGUAGES

### German

*Professor Caruthers*

Those students who offer German as a language for a degree must offer nine hours of German, beginning with German 15; the work of German 15 pre-supposes two years previous training in German. This necessary previous training is covered by German—2 units, by German—1 unit and Courses 11, 12, 13, or, by German 25, 26, 27. Elementary German is taught as a preparatory subject.

GERMAN 11. Second year German, first term. German Grammar is thoroughly reviewed and a thorough drill is given in conversation and composition. Pope: Writing and Speaking German. (German, 1 unit).

Credit, 3 hours.

GERMAN 12. Second year German, second term. A continuation of German 11. Easy translation is added to the work in Grammar, Composition and Conversation. "Hoher als die Kirche." (German 11). Credit, 3 hours.

GERMAN 13. Second year German, third term. A continuation of German 12. In addition to the work of translation in Schiller's "Wilhelm Tell," much work in prose composition is done. (German 12).

Credit, 3 hours.

GERMAN 15. Prose Composition. Composition, conversation are systematically practiced. Bacon: Prose Composition. (German 13, or, German 2 units).

Credit, 3 hours.

During the first two weeks the students in German 15 are examined in conversation, composition and general knowledge of grammar. Those whose work in this test



shows insufficient preparation for the course are required to substitute German 11 for German 15. It is understood that in such cases German 11 does not count toward the nine hours of German required for the degree.

GERMAN 16. Survey of German Literature. Priest: Survey of German Literature. (German 13, or German 2 units; German 15 is advised). Credit, 3 hours.

GERMAN 17. Short story course. (German 15). Credit, 3 hours.

GERMAN 21A, 22A, 23A are taught 1916-17.

GERMAN 21A. Lessing's Life and Works. Reading of "Nathan der Weise" and "Minna von Barnhelm." (German 15 and 16). Credit, 3 hours.

GERMAN 22A. Conversation and advanced Prose Composition. Pope: Advanced German Composition. (German 15). Credit, 3 hours.

GERMAN 23A. Heine. The later Romanticism and the life of Heine are studied. Heine's Prose Works. ("Harz Reise"). (German 16 and 17; German 21A or 21B is advised). Credit, 3 hours.

GERMAN 21B, 22B, 23B are taught 1917-18.

GERMAN 21B. Schiller: "Jungfrau von Orleans." "Maria Stuart", and selected poems are translated in class. Thomas: Life of Schiller, and "Kabale und Liebe" or "Die Räuber" are assigned for outside reading. (German 15, and German 16). Credit, 3 hours.

GERMAN 22B. Conversation and Advanced Prose Composition. Pope: Advanced German Composition. (German 15). Credit, 3 hours.

GERMAN 23B. Schiller: "Wallenstein." Work on the Thirty Years' War is assigned for outside reading. (German 16 and 17; German 21A or 21B is advised).

Credit, 3 hours.



GERMAN 31. Goethe: "Hermann and Dorothea" and "Sesenheim" are translated in class; "Goetz von Berlichingen" and Sime: Life of Goethe are assigned for outside reading. (German 15, 16 and 17). Credit, 2 hours.

GERMAN 32. Goethe, continued. "Egmont," "Iphigenie" and selected poems are translated. (German 31). Credit, 2 hours.

GERMAN 33. Nineteenth Century Novel and Novelists. Credit, 2 hours.

GERMAN 41. Faust—Part I. (German 23). Credit, 2 hours.

GERMAN 42. Advanced Prose Composition and Conversation, or Normal Course for teachers. (German 23) Credit, 2 hours.

GERMAN 43. Das Niebelungen Lied; or, Nineteenth Century Drama. (German 23). Credit, 2 hours.

GERMAN 25, German 26 and German 27 constitute a course of collegiate grade for students who have never studied German. It is aimed to cover work equivalent to two years of high school German, or, to Courses 1, 2 and 3 (page 102) and courses 11, 12, 13. On completion of this course, students are ready for German 15. At least four years of previous training in language is necessary to handle work of this course. The class meets five times a week and gives a credit of 5 hours each term.

## ROMANCE LANGUAGES

French*Miss Staley*

Those students who offer French as a language for the degree must offer nine hours of French beginning with French 15; the work of French 15 requires two years' previous training in French. This necessary previous training is covered by French 2 units, or, by French 1 unit and French 11, 12 and 13. Elementary French is taught as a preparatory subject.

FRENCH 11. Grammar, composition and reading. Fraser and Squair: Grammar "Colomba." (French 3).  
Credit, 3 hours.

FRENCH 12. Continuation of French 11. "La Belle Nivernaise," "Madame Therese"; memorizing. (French 11).  
Credit, 3 hours.

FRENCH 13. Continuation of French 12. "Les Miserables". (Selections). (French 12). Credit, 3 hours.

FRENCH 15. Reading. "La Debacle." "Contes Modernes." (French 11).  
Credit, 3 hours.

FRENCH 16. Continuation of French 15. "La Petite Fadette"; class room work and collateral reading; reports in French. (French 15).  
Credit, 3 hours.

FRENCH 17. Continuation of French 16. Seventeenth Century Prose. (French 16).  
Credit, 3 hours.

FRENCH 21. The classical drama. "Le Cid," "Andromaque." (French 15).  
Credit, 3 hours.

FRENCH 22. Continuation of French 21. "Les Precieuses Ridicules," "Le Medecin Malgre Lui," themes and reports in French. (French 15).  
Credit, 3 hours.

FRENCH 23. Advanced Composition. (French 17).  
Credit, 3 hours.

FRENCH 31. Rapid reading of representative modern fiction. Reports on limited fields. (French 23).

Credit, 2 hours.

FRENCH 32. Survey of French literature. An outline course treating of the main significant literary forms and movements. Lectures, class room work, reading and reports. (French 31).

Credit, 2 hours.

FRENCH 33. Contemporary Literature. A course dealing mainly with the novel and the short story. Class room work, collateral reading and reports. (French 32).

Credit, 2 hours.

FRENCH 41. Modern Lyric Poetry, dealing with the periods following the romantic movement. Leconte de Lisle, Prudhomme, Baudelaire, Verlaine. The Oxford Book of French Verse. (French 33).

Credit, 2 hours.

FRENCH 42. The Modern Drama, lectures and assigned reading. Hugo, De Musset, Scribe, Augier, Dumas, Rostand, Hervieu. (French 33).

Credit, 2 hours.

FRENCH 43. Composition, Conversation and Reading, based on nineteenth century prose writers representative of tendencies in contemporary thought. (French 42).

Credit, 2 hours.

### Spanish

*Professor Barnes*

Those students who offer Spanish as a language for a degree, must offer nine hours of Spanish beginning with Spanish 15; the work of Spanish 15 requires a previous training in Spanish equal to Spanish 2 units or Spanish 11, 12, 13.

SPANISH 11. Elementary Course. Ingraham and Edgren: Grammar; Harrison: Reader; "El Pajaro Verde." Five recitations a week. (Latin, 4 units, and French, 2 units).

Credit, 5 hours.

SPANISH 12. A continuation of Spanish 11.

“Cuentos Castellanos;” Memorizing. (Spanish 11). Five recitations a week. Credit, 5 hours.

SPANISH 13. A continuation of Spanish 12. “El Capitan Veneno.” (Spanish 12). Composition. Five recitations a week. Credit, 5 hours.

SPANISH 15. Reading and Composition. “Pedro Sanchez.” (Spanish 13). Credit, 3 hours.

SPANISH 16. A continuation of Spanish 15. “Doña Perfecta.” (Spanish 13). Credit, 3 hours.

SPANISH 17. A continuation of Spanish 16. “Gil Blas” (selections). “Don Quijote” (selections). (Spanish 13). Credit, 3 hours.

### Italian

*Professor Barnes*

ITALIAN 1, ITALIAN 2, ITALIAN 3, constitute an elementary course dealing with pronunciation, grammar and reading of simple prose. Five recitations a week. Credit for each course, 1-3 unit, or 3 hours.

Omitted in 1916-17.

### Romance Philology

*Professor Barnes*

(Primarily for candidates for departmental honors).

COURSE 1. An introductory course dealing with the change of the Lingua Vulgaris into its dialects, Spanish, French, Italian and Portuguese. As a prerequisite the student should have completed five years of Latin, four years of French and have at least a reading knowledge of Spanish and Italian. Grandgent: Introduction to Vulgar Latin. Credit, 2 hours.

COURSE 2. An introductory course in Provençal Bartsch: Chrestomathie Provençale. Credit, 2 hours.

## DEPARTMENT OF THE SCIENCES AND MATHEMATICS

### Chemistry

*Professor Sieplein, Mr. Boor*

CHEMISTRY 11A. General Chemistry, first term. The class work consists of a drill in the application of the electrolytic dissociation theory to qualitative analysis. In the laboratory the reactions of bases, salts and acids are studied. The aim of the laboratory work is to develop a thorough understanding of the reactions involved in the qualitative analytical methods. Smith: General Chemistry for Colleges, Revised. Stieglitz: Qualitative Analysis, Volumes 1 and 2. (Chemistry 1 unit, and Chemical Arithmetic). 3 recitations and 1 laboratory period a week.

Credit, 4 hours.

Professor Sieplein.

Students who have not completed a thorough course in the calculations of Chemistry are required to enroll in the special fall term course in Chemistry 17A.

Credit, 2 hours.

Mr. Boor.

CHEMISTRY 12A. General Chemistry, second term. A continuation of Chemistry 11A. The general theories and principles of inorganic chemistry are studied in the class room. Stoichiometric principles and chemical equations are given large place. The laboratory work is a continuation of the study of qualitative analytical methods. Smith: General Chemistry for Colleges; Stieglitz: Qualitative Analysis, Volumes 1 and 2. (Chemistry 11A). 3 recitations and 1 laboratory period a week. Credit, 4 hours.

Professor Sieplein.

CHEMISTRY 13A. General Chemistry, third term. A continuation of Chemistry 12A. (Chemistry 12A). 3 recitations and 1 laboratory period a week.

Credit, 4 hours.

Professor Sieplein.

CHEMISTRY 11B, CHEMISTRY 12B, and CHEMISTRY 13B, are courses paralleling the above courses but involve laboratory practice for two periods each week. This additional laboratory practice is planned to meet the requirement in chemistry for those intending to study medicine. This additional laboratory practice may be elected by other students. Credit, 5 hours each term.

Professor Sieplein.

CHEMISTRY 14. Qualitative Analysis, elementary course. The student takes up the properties of compounds and studies the reactions on which analytical schemes are based. Morgan: Qualitative Analysis, and Garvin: Qualitative Analysis. (Chemistry, 1 unit). 3 recitations and 2 laboratory periods a week. Credit, 5 hours.

CHEMISTRY 17A. Chemical Arithmetic. A study of the stoichiometric principles of chemistry. The calculation of gas volumes under various conditions, percentage composition, weights of reaction products, and the balancing of metathetical and oxidation equations, compose the course. Hale: Calculations of Chemistry. Credit, 3 hours.

Mr. Boor.

CHEMISTRY 18. Elementary Organic Chemistry. A course dealing with the general principles of organic chemistry, planned especially for those desiring a short course preparatory to medical schools. Cohen: Theoretical Organic Chemistry. (Chemistry 13). 5 recitations and 2 laboratory periods. Credit, 7 hours.

Professor Sieplein.



This course with 4 laboratory periods meets the requirement for the strongest medical schools.

Credit, 9 hours.

Professor Sieplein.

**CHEMISTRY 21.** Qualitative Analysis. The class work deals with the methods of wet and blowpipe analysis with the application of electrolytic dissociation to metathetical and oxidation reactions. In the laboratory unknowns of acids and metals are solved by solution methods and several unknowns are solved by blowpipe methods. Prescott and Johnson: Qualitative Analysis. (Chemistry 13). 2 recitations and 2 laboratory periods a week.

Credit, 4 hours.

Mr. Boor.

**CHEMISTRY 22.** Gravimetric Quantitative Analysis. The general methods of gravimetric analysis with the stoichiometry involved are the basis of the class room work. In the laboratory gravimetric methods are applied to the analysis of various salts. Electrolytic methods also receive attention. Talbot: Quantitative Analysis, and Miller: Calculations of Analytical Chemistry. (Chemistry 21). 2 recitations and 1 laboratory period a week.

Credit, 3 hours.

Mr. Boor.

**CHEMISTRY 23.** Volumetric Quantitative Analysis. The volumetric methods of various types are considered and lastly methods of analysis for the common metals. The familiar exercises in acidimetry, alkalimetry, permanganate and dichromate methods, and iodimetry are carried out in laboratory practice. Talbot: Quantitative Analysis, and Miller: Calculations of Analytical Chemistry. (Chemistry 22). 2 recitations and 1 laboratory period a week.

Credit, 3 hours.

Mr. Boor.

**CHEMISTRY 24.** Qualitative Theories. A one term course dealing with application of the electrolytic disso-

ciation theory to chemical problems. The course is planned to give those who are unable to take Chemistry 11, 12, and 13, a thorough understanding of the importance of ions in chemical actions. Stieglitz: Qualitative Analysis, Volumes 1 and 2. 3 recitations and 2 laboratory periods a week.

Credit, 5 hours.

**CHEMISTRY 31. Industrial Chemistry.** The commercial applications of chemistry especially in the manufacture of chemical materials. Thorp: Industrial Chemistry. (Chemistry, 1 unit; Chemistry 13 Advised). 3 recitations a week.

Credit, 3 hours.

Professor Sieplein.

The testing of various metallurgical materials is taken up in the laboratory. White: Metallurgical Analysis. (Chemistry 23). 2 laboratory periods a week.

Credit, 2 hours.

**CHEMISTRY 32. Metallurgy.** The blast furnace, Bessemer and open hearth processes, the processes for the preparation of zinc, copper, gold and silver from their ores constitute the material of the course. Wysor: Metallurgy. (Chemistry, 1 unit; Chemistry 31 is advised).

Credit, 3 hours.

Professor Sieplein.

The testing of various metallurgical materials is taken up in the laboratory. White: Metallurgical Analysis. (Chemistry 23). 2 laboratory periods a week.

Credit, 2 hours.

**CHEMISTRY 33. Chemistry of Foods.** A study of the production, use and composition of various foodstuffs, of adulterants and preservatives. The inspection of food and water and the standards which they meet are carefully considered. Sherman: Food Products. (Chemistry 1 unit; Chemistry 13 and 18 or 43 are advised).

Credit, 3 hours.

Professor Sieplein.

The testing of foodstuffs and of water is taken up in the laboratory. Woodman: Food Analysis, and, Leffman: Sanitary and Technical Examination of Water. (Chemistry 23). 3 laboratory periods a week. Credit, 3 hours.

CHEMISTRY 34. Quantitative Analysis. The methods of volumetric and gravimetric analysis are studied and the stoichiometry involved. Exercises in analyzing various salts by gravimetric methods and simple exercises in acidimetry and alkalimetry, iodimetry and permanganate and dichromate methods are carried out in the laboratory. Talbot: Quantitative Analysis. (Chemistry 21, or Chemistry 24). 2 recitations and 1 or 2 laboratory periods a week. Credit, 3 or 4 hours.

CHEMISTRY 41. Organic Chemistry, first term. The work of the first term deals with aliphatic compounds as far as polybasic acids. Holleman: Textbook of Organic Chemistry, and, Laboratory Manual. (Chemistry 13, or Chemistry 14). 3 recitations and 1 laboratory period a week. Taught in 1916-17. Credit, 4 hours.

Professor Sieplein.

CHEMISTRY 42. Organic Chemistry, second term. A continuation of Chemistry 41, dealing with polybasic acids, sugars and proteins and beginning the study of cyclic compounds. (Chemistry 41). 3 recitations and 1 laboratory period a week. Taught in 1916-17.

Credit, 4 hours.

Professor Sieplein.

CHEMISTRY 43. Organic Chemistry, third term. A continuation of Chemistry 42, dealing with cyclic compounds. Holleman: Textbook of Organic Chemistry. The laboratory work consists of the preparation of substances in larger quantities. Cohen: Practical Organic Chemistry. (Chemistry 42). 2 recitations and 2 laboratory periods a week. Taught in 1916-17. Credit, 4 hours.

Professor Sieplein.

CHEMISTRY 45. Theoretical and Physical Chemistry, first term. A course dealing with stoichiometry, theories of matter, the laws and theories of gases. Bigelow: Theoretical and Physical Chemistry, and Knox: Calculations. (Physics 23, and Chemistry 13 or 14). Taught in 1917-18.

Credit, 3 hours.

Professor Sieplein.

CHEMISTRY 46. Theoretical and Physical Chemistry, second term. A continuation of Chemistry 45, dealing with the laws and theories of liquids, solids and solutions. (Chemistry 45). Taught in 1917-18.

Credit, 3 hours.

Professor Sieplein.

CHEMISTRY 47. Theoretical and Physical Chemistry, third term. A continuation of Chemistry 46. Velocities and equilibria in chemical reactions; thermochemistry; electrochemistry. (Chemistry 46). Taught in 1917-18.

Credit, 3 hours.

Professor Sieplein.

### Physics

*Professor Harmon.*

PHYSICS 21A. Properties of matter and elementary theory of mechanics. Kimball: College Physics; Conrad: Laboratory Manual with the experiments amplified and supplemented. (Mathematics 11, Physics, 1 unit). 3 recitations, 1 laboratory period a week.

Credit, 4 hours.

PHYSICS 22A. Elementary theory of heat, magnetism and static electricity. (Physics 21A). 3 recitations and 1 laboratory period a week.

Credit, 4 hours.

PHYSICS 23A. The elements of current electricity, sound and light. (Physics 22A). 3 recitations and 1 laboratory period a week.

Credit, 4 hours.

PHYSICS 21B, 22B, 23B, are courses paralleling the above, designed for students who have not completed preparatory physics, or, those who need additional laboratory practice. This additional laboratory practice is necessary for those intending to meet the requirements for entrance to medical schools. The theory is presented with this requirement in mind. The same laboratory manual is used but 50 experiments are required for the complete course.

Credit, 5 hours each term.

PHYSICS 21, 22, and 23 afford a general course in which a student becomes familiar with the elementary principles of the science and their applications. The subject matter is presented through the means of very fully illustrated experimental lectures in which the lantern is much used. The student is frequently referred to the departmental library. He is required to solve a large number of problems and write elaborate reports on his laboratory work. Two weeks of weather observation is included in the laboratory course.

PHYSICS 25, Physics 26 and Physics 27 constitute a course in Household Physics corresponding to the above in all essential respects, but with the special stress on the application of physics to the home. Lynde: Physics of the Household. The course is arranged with 1 or 2 laboratory periods as that in Physics 21, 22 and 23. 3 recitations a week.

Credit, 4 or 5 hours.

PHYSICS 31. Elementary Mechanics and Heat. Franklin and McNutt: Mechanics and Heat. Special and selected experiments from standard manuals for college physics. (Physics 23). 2 recitations and 1 laboratory period a week.

Credit, 3 hours.

PHYSICS 32. A continuation of Physics 31. (Physics 31). 2 recitations and 1 laboratory period a week.

Credit, 3 hours.



PHYSICS 33. Electricity and Magnetism. Franklin and McNutt: Electricity and Magnetism. (Physics 32). 2 recitations and 1 laboratory period a week.

Credit, 3 hours.

PHYSICS 31, 32, 33 afford a more technical course than Physics 21, 22, and 23, and are an introduction to Theoretical and Practical Physics. The many problems used are of an especially practical sort and of greater difficulty than those of Physics 21, 22, and 23. 30 laboratory experiments are required in the year's work. These are more thorough and of greater difficulty than those of the elementary course. They require the use of more accurate apparatus and demand skill of manipulation and observation. The reports cover the theory and the analysis of data in most thorough fashion.

PHYSICS 41. Teachers' course in Physics. Mann: The Teaching of Physics. (Physics 23). Credit, 2 hours.

PHYSICS 42. Continuation of Physics 41. (Physics 41). Credit, 2 hours.

PHYSICS 43. Continuation of Physics 42. (Physics 42). Credit, 2 hours.

PHYSICS 41, 42 and 43 are intended for those intending to teach high school physics. The work consists of a discussion of the methods of teaching, of courses, of textbooks, catalogues of supply houses, of the equipment of the laboratory, of care and construction of apparatus, of direction of the laboratory work and of giving experimental lectures before a class. In general, the point of view taken is that of the teacher.

PHYSICS 47A. Radio-Telegraphy. A descriptive and practical course dealing further than in 23 and 33 with the principles of electrostatic and electromagnetic induction, and of the electron and electromagnetic wave theories. Laboratory work will consist of the measurement of the various capacities and inductances of the re-



ceiving and sending apparatus, wave length of aërials, etc., the practice of the code, and of sending and receiving. 2 recitations, 1 laboratory period. Text, Stanley: Wireless Telegraphy. Taught Spring '17. Credit, 3 hours.

PHYSICS 47B. Light and Sound. Franklin and McNutt: Light and Sound. Taught in the spring term 1918. (Physics 23). Credit, 3 hours.

PHYSICS 47. Is a companion course of Physics 31, 32 and 33, being of the same grade and character.

### Biology

*Mr. Cribbs*

The biological work as here outlined aims to deal with three classes of students. To those who desire general knowledge of biological subjects are recommended Courses 11, 12, 13, 16, 17, and 26.

Those who are planning to enter medical schools should choose Courses 11, 16 and 17. These cover the standard requirements of the best schools.

Those who intend to teach Biology or to specialize in the science should, after the required Freshman preparation, elect from among Courses 21, 22, 23, 26, 31, 32, 33, 37, 41, 42, 43.

Students presenting Biology as a major for degree B. S. are required to present Biology 21, 22, 23 or Biology 31, 32, 33 or Biology 41, 42, 43.

BIOLOGY 11. General Biology. This course is introductory to both botany and zoology. A study of the general principles and laws in accordance with which living structures develop, and carry on their activities. A fundamental course for those who are unable to take up the more extended work. Abbott: General Biology. 3 recitations, 2 laboratory periods a week. Credit, 5 hours.

**BIOLOGY 12.** General Botany. A study of the development, structure, and physiology of the higher plant. Percival: Agricultural Botany. (Biology 11 or equivalent). 3 recitations, 2 laboratory periods a week.

Credit, 5 hours.

**BIOLOGY 13.** General Botany. Second term. This course aims to familiarize the student with the lower groups of plants, being a resume of the algae, fungi, bryophytes, and pteridophytes. It deals especially with plant development, morphology, and relationships. Percival: Agricultural Botany with supplementary reading. (Biology 11). 3 recitations, 2 laboratory periods a week.

Credit, 5 hours.

**BIOLOGY 21.** Morphology of Thallophytes. A systematic and comparative study of the algae and fungi. Coulter, Barnes, Cowles: Volume 1, Part 1, supplemented by reference work. (Biology 13 or equivalent). 2 recitations, 2 laboratory periods a week.

Credit, 4 hours.

**BIOLOGY 22.** Morphology of Bryophytes and Pteridophytes. Correlative with Biology 21. A systematic study of the liverworts, mosses, ferns, and the fern allies. Coulter, Barnes, Cowles: Volume 1, Part, 1. (Biology 13 or equivalent; Biology 21 is advised). 2 recitations, 2 laboratory periods a week.

Credit, 4 hours.

**BIOLOGY 23.** Morphology of Spermatophytes. This course is a continuation of Biology 21 and 22, but deals with the higher plants (gymnosperms and angiosperms). Coulter, Barnes, Cowles: Volume I, Part 1. (Biology 22). 2 recitations, 2 laboratory periods a week.

Credit, 4 hours.

**BIOLOGY 41.** Botanical Microtechnique. A course dealing with the methods of collecting, killing, fixing, imbedding, sectioning, theory and principles of staining, etc. Application for registration in this course must be made to the professor in charge. Chamberlain: Methods in

Plant Histology. (Biology 12 or 13; Biology 21, 22, 23 are advised). 1 recitation, 3 laboratory periods a week.

Credit, 4 hours.

BIOLOGY 42. Animal Microtechnique. This course is correlative with Biology 41, but deals with the preparation and study of animal tissues. Guyer: Animal Micrology. (Biology 16 and 17). 1 recitation and 3 laboratory periods a week.

Credit, 4 hours.

BIOLOGY 43. Cytology. A careful study of the cell in development, structure, reproduction, and heredity. Lectures, reference reading. 1 recitation, 3 laboratory periods a week.

Credit, 4 hours.

BIOLOGY 26. Genetics. An introduction to the study of heredity. Text, lectures, and conferences. Walter: Genetics (Biology 12 or 16). 3 recitations.

Credit, 3 hours.

### Zoology

BIOLOGY 16. General Invertebrate Zoology. This course deals with chosen representatives of the invertebrate phyla, special attention being given to anatomy and life histories as evidences of relationship. Hegner: College Zoology. (Biology 11 or equivalent). 3 recitations, 2 laboratory periods a week.

Credit, 5 hours.

BIOLOGY 17. General Vertebrate Zoology. Comparative anatomy, and development of chosen representatives of the vertebrate classes. Hegner: College Zoology. (Biology 11 or equivalent). 3 recitations, 2 laboratory periods a week.

Credit, 5 hours.

BIOLOGY 31. Invertebrate Morphology. Systematic study of invertebrates; collateral reading, text-book, dissections, and lectures on phylogeny, embryology, etc. Correlative with Biology 21. Hertwig: Manual of Zoology, or, Parker and Haswell: Text Book of Zoology. (Biology 16). 2 recitations and 2 laboratory periods a week.

Credit, 4 hours.

BIOLOGY 32. A continuation of Biology 31. (Biology 31). 2 recitations and 2 laboratory periods a week.

Credit, 4 hours.

BIOLOGY 33. Vertebrate Morphology. A continuation of Biology 32, but dealing with the vertebrates. (Biology 32). 2 recitations and 2 laboratory periods a week.

Credit, 4 hours.

BIOLOGY 37. Human Anatomy and Physiology. A course consisting of text-book work supplemented by the study of charts and models. Laboratory work in histology and mammalian dissection. Martin: Human Body—Advanced. (Biology 11, or equivalent). 4 recitations and 1 laboratory period a week.

Credit, 5 hours.

### Mathematics

*President Ketter, Mr. Ramsey*

MATHEMATICS 11. Plane Trigonometry. Wentworth-Smith: Plane and Spherical Trigonometry with tables. (Algebra  $1\frac{1}{2}$  units and Geometry  $1\frac{1}{2}$  units).

Credit, 4 hours.

MATHEMATICS 12. College Algebra. First term. Radicals to theory of equations. Rietz and Crathorne: Algebra. (Algebra  $1\frac{1}{2}$  units; Geometry, 1 unit).

Credit, 4 hours.

MATHEMATICS 13. College Algebra. Second term. Theory of equations, completing the text. Rietz and Crathorne: Algebra. (Mathematics 12). Credit, 4 hours.

MATHEMATICS 21. Analytic Geometry. First term. Chapters two to seven, Smith and Gale: Elements of Analytic Geometry. (Mathematics 11 and 12; Mathematics 13 is advised).

Credit, 3 hours.

MATHEMATICS 22. Analytic Geometry. Second term. Chapters eight to fifteen, Smith and Gale: Elements of Analytic Geometry. (Mathematics 21).

Credit, 3 hours.

MATHEMATICS 23. Advanced Trigonometry. Wentworth-Smith; Plane and Spherical Trigonometry with tables. (Mathematics 11 and 12). Credit, 3 hours.

MATHEMATICS 31. Plane Surveying. Class room work is supplemented by field work in which the student is taught the use of the instruments in a practical way. Among the problems considered are: the measuring of a straight horizontal line; the measuring and laying off horizontal angles; measuring of vertical angles; computation of area, height and distance, and the laying out of curves. The latter portion of the course is given to leveling and grading problems, laying of sewers, etc. Breed and Hosmer: The Principles and Practice of Surveying, Volume 1. (Mathematics 11 and 12). 2 recitations and 1 period field work a week. Credit, 3 hours.

Mr. Ramsey.

MATHEMATICS 32. Differential Calculus. An introductory course with applications of the fundamental principles to the solution of problems in geometry, maxima and minima, points of inflection and curve tracing. Expansion of functions and infinite series are also considered. Granville: Elements of the Differential and Integral Calculus. (Mathematics 21). Credit, 3 hours.

Mr. Ramsey.

MATHEMATICS 33. Integral Calculus. An elementary course presupposing a good working knowledge of the elements of the differential calculus as given in Mathematics 32. The course includes applications of the principles of integration to the solution of simple problems in geometry, mechanics, and physics. Granville: Elements of the Differential and Integral Calculus. (Mathematics 32). Credit, 3 hours.

Mr. Ramsey.

In addition to the above collegiate courses in mathematics there will be offered, from time to time, when there

is a sufficient demand for them, the following advanced courses, which may be arranged either as two or three hour courses:

MATHEMATICS 38. Selected topics. Fundamental notions considered critically. (Mathematics 33).

MATHEMATICS 39. History of Mathematics. (Mathematics 33).

MATHEMATICS 41. Solid Analytics. (Mathematics 22).

MATHEMATICS 42. Theory of Equations. (Mathematics 32).

MATHEMATICS 44. Limits and Series. (Mathematics 33).

MATHEMATICS 47. Differential Equations. (Mathematics 33).

### Agriculture

AGRICULTURE 13. The study of the chemical reactions underlying the development and life processes of plants and animals. Chamberlain: Organic Agricultural Chemistry. (Chemistry 1 unit and Biology 11 or equivalent). 2 recitations and 1 laboratory period a week.

Credit, 3 hours.

Professor Sieplein.

### Astronomy

*Professor Harmon*

ASTRONOMY 31. A general descriptive course. Young: Manual of Astronomy. (Mathematics 23 and Physics 23).  
Credit, 3 hours.

ASTRONOMY 32. Continuation of Astronomy 31. (Astronomy 31).  
Credit, 3 hours.



ASTRONOMY 34. A general descriptive course covering the material of Astronomy 31 and 32, a special course for the summer term. Young: Manual of Astronomy. (Mathematics 23 and Physics 23). Credit, 5 hours.

### Mechanical Drawing

*Professor Harmon*

The aim of the first year course is to become familiar with the various styles of lettering and to acquire skill in their formation, to become familiar with the drawing instruments and their use and to apply them in making geometrical drawings and projections used in the solution of the problems given in the course.

First term. Free hand drawing, lettering and geometrical drawing. Thompson: Books 1 and 2.

Credit, 5 hours.

Second term. Projection and perspective: advanced lettering. Tracey.

Credit, 5 hours.

Third term. Continuation of the second term work.

Credit, 5 hours.

The intent of the second year work is to give the student such knowledge as will prepare him to pursue a course in engineering and such practice in drawing as will qualify him to do ordinary commercial work.

First term. Free hand sketching of machine parts, and scale drawing of the same.

Credit, 5 hours.

Second term. Complete drawing of machines.

Credit, 5 hours

Third term. Elementary Machine Design.

Credit, 5 hours.

Advanced work in machine design and mechanism is arranged to meet the needs of the student.

## DEPARTMENT OF ATHLETICS AND PHYSICAL TRAINING

*Director: H. W. Harmon*

*Medical Advisor: Dr. B. A. Montgomery*

*Instructor for Men: Howard M. Acher*

*Instructor for Women: Miss Evelyn Pew Lockhart*

### *Athletics for Men*

All forms of athletics at the college are under the direct supervision of the athletic director and medical advisor. The coach of the various athletic teams accompanies the teams on all trips away from the college.

By this arrangement the college aims not only to foster and encourage athletics by providing a coach of wide athletic experience, but also to safe-guard the health and mind of the students by placing them under the instruction and care of a competent physician and responsible official of the college. Systematic physical training according to sound physical hygienic principles is offered to all, although a general participation in out-door and in-door athletics is encouraged. Students are permitted to remain on the athletic teams only so long as athletics do not interfere with the pursuit of their studies. The rules governing intercollegiate contests (page 39) apply to all athletic teams. The forms of athletics in which the college participates are foot-ball, basket-ball, base-ball, track and tennis. The control of athletics is in the hands of an Athletic Committee appointed from the Faculty by the President. The direct management is by a student manager working under a joint committee of seven; two members from the Faculty, two members from the Alumni and three members from the Student Body.

### *Athletics for Women*

Some form of physical training is required of all the young women of the College. Though this work is required the individual is given the option of many sports, such as tennis, basket-ball, field hockey, swimming, folk dancing and gymnastics. The costume used by the young ladies consists of a plain white middy-blouse, black bloomers and gymnasium shoes. In the swimming classes, a tight fitting one-piece swimming suit and rubber cap are used.

## PREPARATORY DEPARTMENT

Grove City College maintains a preparatory department in which the branches preparing for college are taught. Owing to the enlarging high school curricula many graduates of high schools find themselves deficient in some portion of the work necessary for entrance to certain college classes. By taking work in the Preparatory Department the student finds it possible to carry out his plans for a college course without an especial hardship because of a change of plans since entering the high school. The young man or young woman who has not had the opportunity of finishing a high school course finds at Grove City College classes suited to his needs. As the work of the Preparatory Department is taught by teachers of large experience, the student finds it possible to complete the preparatory work in shorter time than would be required at a high school. Classes in various grades of languages, mathematics, English and science are taught each of the four sessions. The student in the preparatory work has the opportunity of association with the more mature college students.

The tuition in the Preparatory Department is twenty-nine dollars per term. In courses requiring laboratory practice a fee is charged. See page 34. The student is allowed admission to athletic contests, use of the gymnasium and, in case of illness, hospital expenses, up to forty dollars, are met by the College. The subjects taught in the Preparatory Department are listed below.

### History

HISTORY 1. Greek History. The history of Greece to the death of Alexander the Great. Myers: General History. 5 recitations a week. Credit,  $\frac{1}{2}$  unit, or 3 hrs.

HISTORY 2. Roman History. The history of Rome

to the fall of the Roman empire. Myers: General History. 5 recitations a week. Credit,  $\frac{1}{2}$  unit, or 3 hours.

HISTORY 3. General History. A brief review of the history of Greece and Rome, followed by a study of the Middle Ages and concluding with modern times. Myers: General History. 5 recitations a week.

Credit,  $\frac{1}{2}$  unit, or 3 hours.

### English

*Mrs. Ritchey*

ENGLISH 1. Preparatory Rhetoric, first term. This course includes a brief review of grammar and punctuation. Special attention is given to the use of clear, correct English in the composition of paragraphs and themes. Lockwood and Emerson: Composition and Rhetoric. 5 recitations a week.

Credit,  $\frac{1}{2}$  unit, or 3 hours.

ENGLISH 2. Preparatory Rhetoric, second term. A continuation of English 1. 5 recitations a week.

Credit,  $\frac{1}{2}$  unit or 3 hours.

ENGLISH 3. Preparatory Rhetoric, third term. A continuation of English 2. 5 recitations a week.

Credit,  $\frac{1}{2}$  unit or 3 hours.

ENGLISH 5. Preparatory Classics. For this course masterpieces of English literature are selected from the College Entrance Requirements. Halleck: English Literature is used for reading and reference. 5 recitations a week.

Credit,  $\frac{1}{2}$  unit or 3 hours.

ENGLISH 6. Preparatory Classics. A continuation of English 5. 5 recitations a week.

Credit,  $\frac{1}{2}$  unit or 3 hours.

ENGLISH 7. Preparatory Classics. Masterpieces of American Literature are selected. Halleck: American Literature is used for reference. 5 recitations a week.

Credit,  $\frac{1}{2}$  unit or 3 hours.

### Latin

Elementary Latin. A three-term course giving a thorough drill in forms, vocabulary and the elementary principles of grammar with daily practice in turning Latin into English and English into Latin. The text used is Pearson: Essentials of Latin.

LATIN 1. Lessons 1 to 25. 5 recitations a week.

Credit,  $\frac{1}{3}$  unit.

LATIN 2. Lessons 26 to 50. 5 recitations a week.

Credit,  $\frac{1}{3}$  unit.

LATIN 3. Lessons 51 to end of the book. 5 recitations a week.

Credit,  $\frac{1}{3}$  unit..

Professor White.

LATIN 4. Caesar, first term. Books 2 and 3 of Caesar's Gallic Wars using Allen and Greenough's text. Translation with systematic study of Allen and Greenough's Grammar. (Latin ). 5 recitations a week.

Credit,  $\frac{1}{2}$  unit.

Professor White.

LATIN 5. Caesar, second term. Books 1 and 4 of Caesar's Gallic Wars; a continuation of Latin 4. (Latin 3). 5 recitations a week.

Credit,  $\frac{1}{2}$  unit.

Professor White.

LATIN 7. Cicero, first term. The first three Oration against Catiline with a thorough study of the grammar involved. Composition using D'Ooge: Latin Composition. (Latin 5). 5 recitations a week.

Credit,  $\frac{1}{2}$  unit, or 3 hours.

Professor White.

LATIN 7. Cicero, second term. The Fourth Oration against Catiline, and, Manilian Law. A continuation of Latin 6. (Latin 5). 5 recitations a week.

Credit,  $\frac{1}{2}$  unit, or 3 hours.

Professor White.



Latin 8, 9 and 10. Vergil's Aeneid. Translation with a study of the metre, and of the grammar. Emphasis is laid on the Aeneid as a work of literature. (Latin 6).

Professor Calderwood.

LATIN 8. Books 1 and 2. 5 recitations a week.

Credit,  $\frac{1}{3}$  unit, or, 3 hours.

LATIN 9. Books 3 and 4. 5 recitations a week.

Credit,  $\frac{1}{3}$  unit, or, 3 hours.

LATIN 10. Books 5 and 6. 5 recitations a week.

Credit,  $\frac{1}{3}$  unit, or, 3 hours.

### German

*Professor Caruthers*

Elementary German is taught as a three term subject. The aim of the course is to give a thorough grounding in the principles of German grammar, together with Conversation, prose composition and translation of easy texts. Joynes and Wesselhoeft text is used. Students completing German 3 are ready for German 11 (page 55).

GERMAN 1. Grammar, conversation. 5 recitations a week.

Credit,  $\frac{1}{3}$  unit, or, 3 hours.

GERMAN 2. Grammar, prose composition. Translation: Der Lex von Gutenhag; Der zerbrochene Krug. 5 recitations a week.

Credit,  $\frac{1}{3}$  unit, or, 3 hours.

GERMAN 3. Prose composition, translation of easy texts. 5 recitations a week.

Credit,  $\frac{1}{3}$  unit, or, 3 hours.

### French

*Miss Staley*

FRENCH 1. Elementary Course. Grammar, oral exercises, composition. Chardenal: (Complete) Course. 5 recitations a week.

Credit,  $\frac{1}{3}$  unit, or, 3 hours.

FRENCH 2. Continuation of French 1. Reading of easy narrative prose. (French 1). 5 recitations a week. Credit,  $\frac{1}{3}$  unit, or, 3 hours.

FRENCH 3. Continuation of French 2. Dictation, memorizing. Reading of one or two simple plays. (French 2). 5 recitations a week. Credit,  $\frac{1}{3}$  unit, or, 3 hours.

### Chemistry

*Mr. Boor*

CHEMISTRY 1. Elementary Chemistry, first term. A beginning course dealing with the properties of matter, atomic theory, electrolytic dissociation and the study of gas laws. Morgan and Lyman: Elements of Chemistry. (Physics 1 unit). 3 recitations and 2 laboratory periods a week. Credit,  $\frac{1}{2}$  unit, or, 3 hours.

CHEMISTRY 2. Elementary Chemistry, second term. A continuation of Chemistry 1. The periodic law, the properties of the various elements and their compounds with the important commercial applications of chemical reactions are dealt with in this course. Morgan and Lyman: Elements of Chemistry. (Chemistry 1). 3 recitations and 2 laboratory periods a week. Credit,  $\frac{1}{2}$  unit, or, 3 hours.

CHEMISTRY 4. General Chemistry. A basic course covering the properties of matter, atomic theory, electrolytic dissociation theory, the laws of gases, the periodic law, the properties of the elements and their compounds with the commercial processes which have their basis in chemical reactions. This course covers the work of Chemistry 1 and Chemistry 2. Morgan and Lyman: Elements of Chemistry. (Physics, 1 unit). 5 recitations and 4 laboratory periods. Credit, 1 unit, or, 6 hours.

### Physics

PHYSICS 1. Elementary Physics, first term. Lectures on the elements of mechanics and heat, with twenty laboratory experiments. Mann and Twiss. Taught in the spring and summer terms. 3 recitations and 2 laboratory periods a week. Credit,  $\frac{1}{2}$  unit.

PHYSICS 2. Elementary Physics, second term. A continuation of Physics 1. Lectures on electricity, magnetism, sound and light, with ten laboratory experiments. Taught in the summer term. 3 recitations and 2 laboratory periods a week. Credit,  $\frac{1}{2}$  unit.

### Mathematics

*Mr. Ramsey*

MATHEMATICS 1. Elementary Algebra, first term. The work extends to fractions. Milne: Standard Algebra. 5 recitations a week. Credit,  $\frac{1}{2}$  unit.

MATHEMATICS 2. Elementary Algebra, second term. A review of factoring, and extending to quadratic equations. Milne: Standard Algebra. (Mathematics 1). 5 recitations a week. Credit,  $\frac{1}{2}$  unit.

MATHEMATICS 3. Intermediate Algebra. After a rapid review of Elementary Algebra, the work is a thorough drill in quadratic equations. Milne: Standard Algebra. (Mathematics 2). 5 recitations a week.

Credit,  $\frac{1}{2}$  unit, or, 3 hours.

MATHEMATICS 4. Plane Geometry, first term. Books 1 and 2 in Wentworth: Plane and Solid Geometry (Revised). (Mathematics 2). 5 recitations a week.

Credit,  $\frac{1}{2}$  unit.

MATHEMATICS 5. Plane Geometry, second term. Books 3 to 5 in Wentworth's text. (Mathematics 4). 5 recitations a week.

Credit,  $\frac{1}{2}$  unit.

MATHEMATICS 6. Solid Geometry. Books 6 to 8 in Wentworth's text. (Mathematics 5). 5 recitations a week. Credit,  $\frac{1}{2}$  unit, or, 3 hours.

### Physiography

PHYSIOGRAPHY. A general course designed to meet the requirements of those preparing for teachers' examinations, as well as the student preparing for a college course. Clendennin, Arey, Bryant and Morey: Physiography. 5 recitations a week. Credit,  $\frac{1}{2}$  unit.

## GROVE CITY CONSERVATORY OF MUSIC

HERMANN POEHLMANN, MUS. D.

*Director and Professor of Piano, Vocal, Violin, and Supervisor of the  
Teachers' Seminar*

GUSTAV MEHNER

*Professor of Pipe Organ, Piano, Composition, Harmony, Forms*

JENNIE HASKELL GLENN

*Instructor in Piano, History, Elements of Music, Music Dictation*

ESTHER REYNOLDS

*Violin*

The Grove City Conservatory of Music is affiliated with Grove City College. It is under the directorship of Doctor Hermann Poehlmann, formerly professor in the Royal Conservatory, Dresden, Saxony. The courses of study provided are recognized by all capable of judging as the most approved of music schools generally. The high standard maintained in both instrumental and vocal music has brought the department into high repute among educated musicians. It has long been our ambition to afford facilities for instruction in music equal to those found in the larger Eastern schools. We confidently affirm that so far as the matter of instruction is concerned students have as good advantages for a musical education in Grove City College as in the very best conservatories of music.

The inexpensiveness of boarding, the comparatively low rates of tuition, the healthful and moral tone of the community, the stimulus incident to association with young men and women earnestly pursuing literary courses of study, together with the opportunity of taking studies in the sciences, the languages and the arts, make this place a most desirable one for those wishing to secure a thorough musical education.

### Admission and Classification

All the various subjects in the Music Conservatory, including Voice, Piano, Violin, Harmony, Counterpoint, Composition, etc., are taught from the first step up to the special coaching of artists. Each applicant must pass an examination in order to be placed in the proper grade. Students may enter at any time, though it is desirable, especially for the **regular course students**, that they **should begin in the fall term**. All beginners are expected to take, besides their principal study, Elements of Music.

All students who are taking full course in Music will be required to have at least freshman collegiate standing.

### Graduation

**Each student is required to attend at least three years in succession in order to graduate.** Diplomas or certificates are given after the successful completion of any one of the courses prescribed in the various departments. They are conferred on those only who complete a full course and have attended the department at least three years. Those who have attained the Teacher's Diploma in Piano, Voice, Theory or Pedagogy, are then prepared to do advanced work and may secure diplomas in courses of study which will prepare them for independent development as pianists, violinists or vocal soloists.

### Admission and Classification Graduation

Diplomas or certificates will be given:

A. For ability as teacher of piano, to students of the Piano-Seminar who have shown remarkable aptness in teaching, who have had for one year, at least a class in theoretical piano instruction, one year supervised piano instruction (giving of instruction to children, under care



of the Director), have reached studies by Cramer, and have had at least two years' work in History and two years' work in Harmony and Forms of Music. According to the higher or lower ability in piano playing, different degrees are given, such as, for teaching beginning grade, for teaching lower and advanced middle grades, and for teaching lower and advanced higher grades.

In order to receive a certificate for ability as teacher of piano (a) beginning grade, the student must have finished two books from Cramer (Germer); Jensen, op. 32, book 1; Heller, Vol. II; Czerny, portions of Vols. II and III; Bach, Preludes; Mendelssohn's Songs without Words, partly; easier pieces from Schubert, Weber, Schumann, and at least one or two sonatas by Haydn, Mozart, Beethoven.

b. Low middle grade: Three books from Cramer; Jensen, op. 32, books 1 and 2; Heller, Vols. II and III; Czerny, Vols. II and III; Bach, some French suites or two-voice inventions; pieces like the above and some modern composers.

c. Advanced middle grade: Four books from Cramer; Jensen, op. 32, books 1, 2 and 3; Heller, Vol. IV; Czerny, Vols. II and III; Bach. Harder pieces from Mendelssohn, Schubert, Weber, Schumann, and other modern composers.

d. Low advanced grade: Cramer; Clementi: Gradus ad Parnassum; Jensen, op. 32; Heller, Vols. IV and Czerny, Vols. II and III; Bach. More difficult pieces from preludes; pieces from classical, romantic and modern masters.

B. Fitness for independent development as a pianist, to such piano players as have reached the Seventh Grade in the Piano Course, have studied Counterpoint one year, and have shown such a thorough grasp of the subject that their future development may, without risk, be left to themselves.

C. For distinguished ability as a pianist, to such piano players as have reached the Eighth Grade of the Piano Course, have completed the work in Counterpoint, and have arrived at a high degree of proficiency in execution.

D. For ability as a teacher of vocal music, to students of the Voice-Seminar who have shown especial aptness in training the voice, have reached the Sixth Grade in Voice Culture, and have had two years' work in Music Theory.

E. Fitness for independent development as concert singer, to students of voice culture who have reached the Seventh Grade of the Voice Culture, the Fourth Grade in the Piano Course, have had two years' work in Music Theory, and have arrived at such a degree of proficiency in the use of the voice and such understanding of vocal principles and methods that their future development may, without risk, be left to themselves.

F. For ability as church soloist, to students of voice culture who have finished the sixth grade of the vocal course, third grade in Piano and have had two years' work in Music Theory.

This diploma is granted to members of the literary department who have taken music as additional work.

G. For distinguished ability as concert and oratorio singer, to students of voice culture who have finished the Seventh Grade of the Voice Course and have reached the Fourth Grade of the Piano Course, have had two years' work in Music Theory, and have acquitted themselves with high credit before the public.

H. For ability as opera singer, to students of voice culture whose voices have been developed in the technique necessary for opera singing and have attained such a degree of proficiency that the artistic rendering of the most difficult dramatic passages is satisfactorily accomplished,

and who have particularly attained accuracy in ensemble and have given evidence of unusual dramatic power.

I. For ability as teacher of violin, to students of the Violin-Seminar who have reached the Fourth Grade in the Violin Course, the Third Grade in the Piano Course, and have two years' work in Music Theory.

K. Fitness for independent development as violinist, to such as have finished the Fourth Grade in the Violin Course, have reached the Fourth Grade in the Piano Course, and have had two years' work in Music Theory.

L. For ability as solo or concert violinists.

M. For ability as teacher of Music Theory, to students of Music Theory who have attained extensive knowledge of Harmony, and have shown special aptness in all their studies in the theory of music and have reached the Sixth Grade in the Piano Course.

Certificates of Dismissal are given after one year's attendance to such as take a single study in any one course.

Diplomas of distinction will be awarded as an acknowledgement of superior talent, eminent application and marked faithfulness to only such as have completed a full course.

As most of the students will teach later, special care is taken to train pupils for the profession of teaching Piano, Voice and Harmony. The course provided along these lines is the most complete that can be given.

### Junior Work

A student is entitled to enter the Junior Class in Piano if he has reached the fifth grade,—having studied thoroughly at least the following Etudes: Doering, op. 44, books 1 and 2, op. 8, books 1 and 2; Czerny, Vol. I. (Germer), Vol. II, 1 part; Heller, Vols. I and II; Germer, op. 35; Bach, Preludes; Bertini, op. 29 and 32; Bach, two-voice inventions.

A student is entitled to enter the Junior Class in Vocal if he has reached the Third Grade in Piano, the Sixth Grade in Vocal, and is ready to begin Harmony and Theory of Teachers' Instruction.

A student is entitled to enter the Junior Class in Violin if he has reached the Fourth Grade in Violin, the Third Grade in Piano, and is ready to begin Harmony instruction.

### Recitations

At least, **two recitations** are required **weekly** in all the **leading studies of any course**. In Harmony the students recite daily in all beginning classes; in the advanced classes they receive three lessons and two lessons weekly, according to their advancement. Classes in Teachers' Instruction and in Forms recite twice a week. In Music Dictation, beginning classes recite daily, advanced classes three and two times a week. Chorus, Ensemble and Music History recite once or twice a week.

Special attention is called to the fact that almost twice as much instruction is given for the tuition paid as at any other college or music school. It has been found especially beneficial for beginners to recite at least three times a week in such leading subjects as Piano, Voice, Harmony, etc. We confidently believe that this departure is very much to the advantage of the students of the Music Department.

### The Orchestra

A fine orchestra is maintained by the Music Department under the direction of Dr. Poehlmann. New students wishing to join this orchestra for the instruction they will receive in various instruments are admitted on a term fee of \$5. After one year's membership no fee is charged.

### Model Students

A limited number of lads and misses will be received into the Music Department as model students for teachers in Piano, Violin and Voice who are receiving supervised instruction in teaching. Those who receive this instruction will be charged \$3 a term for two lessons each week. Application should be made to the Director, before the opening of the session, by all those desiring places.

### Regulations Governing Students

Music students are not allowed to take private lessons from any music teacher who is not connected with the College, nor to take part in performances of any kind without permission of the Director.

Each student is required to pay for sheet music used in the course; chorus and duet books are furnished by the conservatory.

Each beginning student is required to take at least one year's lessons from Professor Mehner or Miss Glenn. When sufficient progress has been made, the student is recommended to Dr. Poehlmann for enrollment in his classes.

At the end of each term, grades are given in all courses of that term; students are graded on progress, application and talent. The grade values are: A, very good; B, good; C, fair; D, poor; E, very poor.

Students, who for two successive terms are graded "D" in talent in a major subject are not eligible to continue the course leading to graduation.

Holidays, determined by the Faculty of the College, are observed by the Conservatory of Music. Lessons set for such days are not made up at other times.

Students who come from nearby towns for lessons in the various departments are required to pay full tuition and are given one hour lesson each week instead of two



half hour lessons as regularly given to the students of the Conservatory of Music.

Each student is required to take a course of at least three years.

Some students may be, under certain conditions, excused from a subject.

Those who enter in the winter term must complete the year's work during the summer term.

No new class in Teacher's Instruction will be formed in the spring.

The course during the summer term is primarily for special work only and for those regular course students who have work to make up.

Students who are here only for the summer term may have instruction in all branches.

The general regulations as to the care, comfort and conduct of students in the Literary Department are binding upon the students of the Conservatory of Music. These regulations include the residence of all young ladies not from Grove City in the dormitories at the College, their attendance upon all the religious exercises, including the daily and Sunday chapel services, and their co-operation in all interests which make for the maintenance of a good, moral and Christian atmosphere.

### The College

The work of the College Department does not prove a hindrance to the interests of the Conservatory of Music, but rather a help. The enthusiasm and earnest purpose of the large number of men and women in the College serve as a stimulus. Indeed, the two departments are mutually stimulating, and many parents prefer to have their daughters take their work in Music under influences of this kind. The same interest and care which are exercised over the students of the College are manifested in the management of the Conservatory of Music.



Full course students of the Conservatory of Music are permitted to take studies in the Literary Department, by the payment of five (\$5) dollars extra a term for any one college or preparatory subject, or ten (\$10) dollars for two or more literary subjects, when the music tuition is, for a full course as outlined below.

Students taking less than full course in Music are permitted to take studies in the literary department by payment of \$10 extra a term for any one collegiate or preparatory subject and \$20 for two or more subjects. No reduction is made when students of the Conservatory of Music take up Art, Commercial Branches or Stenography and Typewriting.

### Courses of Study

#### PIANO—Piano.

Elements of Music.  
Harmony.  
Musical Forms and Analysis.  
Counterpoint.  
Music History.  
Ensemble.  
Chorus.  
Music Dictation.  
Psychology.

#### VIOLIN—Violin.

Piano.  
Elements of Music.  
Harmony.  
Counterpoint.  
History.  
Musical Forms (Lectures).  
Ensemble.  
Chorus.  
Music Dictation.  
Psychology.

#### PIANO-SEMINAR—Piano.

Theory of Piano Instruction, (Lectures), two years.  
Supervised Piano Instruction, one year.  
Elements of Music.  
Harmony.  
Counterpoint.

#### VOICE—Voice.

Piano.  
Elements of Music.  
Harmony. \ Musical Forms (Lectures).  
Music History.  
Ensemble.  
Declamation.  
French, German and Italian.  
Music Dictation and Chorus.  
Psychology.

#### MUSIC THEORY—Elements of

Music.  
Harmony.  
Counterpoint.  
Musical Forms.  
Composition.  
Piano.  
Music History.  
Chorus.  
Music Dictation.  
Psychology.

#### VOICE-SEMINAR—Voice

Theory of Voice Culture.  
Supervised Voice Culture Instruction, one year.  
Elements of Music.  
Harmony.  
Piano.  
Counterpoint.

Composition.	Musical Forms (Lectures).
Musical Forms (Lectures).	Ensemble.
Ensemble.	Chorus.
Chorus.	Declamation.
Music Dictation.	Music Dictation.
Psychology.	Psychology.
VOICE (OPERA)—Voice.	VIOLIN-SEMINAR—Violin.
Interpretation of Opera.	Supervised Violin Instruction.
Dramatic Rendition.	Piano.
Elements of Music.	Elements of Music.
Harmony.	Harmony.
French and German.	Counterpoint.
Musical Forms (Lectures)	Musical Forms (Lectures).
Music History.	Music History.
Ensemble.	Ensemble.
Chorus.	Chorus.
Music Dictation.	Music Dictation.
Psychology.	Psychology.

### Plans of the Courses

#### PIANO COURSE

Piano playing has always been regarded as a function of the fingers, and training of the finger muscles for independence and quality has been the foundation for all technical practice. But within recent years a new principle has been sought by various theorists. Almost simultaneously all found themselves involved in the same problem—relaxation, its value and application. Among others two great works, the books of Breithaupt and of Steinhäuser, were published. Both discerned in the great pianists the free and natural movement of the arm as the source of technic and referred this idea to its physiological sources. Breithaupt, the discoverer of most of the actions, has systematized them in their three aspects—physical, psychological and aesthetic. The problems of relaxation and weight are solved in his works and become the basis of a far-reaching system.

Breithaupt says: “The art of piano-playing is not striking, hammering and thrusting, but an art of sensitive, nervous finger-tips, velvet hands, and soft, round, complete movements of an elastic playing organism and finally

the expression of that ever immeasurable and indeterminate tone-ideal, that lives half perceived, half unperceived in the mind.”

This wonderful method of weight-technic which all players of sonorous tone, such as Busoni, Paderewsky, Risterchi have used more or less unconsciously, is used in the work of the Conservatory.

#### FIRST YEAR

First Term (Fall).....	Piano. Elements of Music. Dictate, Chorus, History.
Second Term (Winter) .....	Harmony. Dictate, Chorus, History.
Third Term (Spring).....	The same.

#### JUNIOR YEAR

First Term.....	Piano. Psychology. Harmony. Forms. Teaching, Teachers' Instruction. Dictate, Chorus, History, Duets.
Second Term.....	The same.
Third Term.....	The same.

#### SENIOR YEAR

First Term.....	Piano. Harmony. Forms. Teaching, Teachers' Instruction. Dictate, Chorus, History, Duets.
Second Term.....	Piano. Counterpoint, Forms. Teaching, Teachers' Instruction. Chorus, History.
Third Term.....	The same.

#### VOCAL COURSE.

##### FIRST YEAR

First Term (Fall).....	Piano. Elements of Music. Dictate, Chorus, History, Elocution.
Second Term (Winter).....	Harmony, Piano. Dictate, Chorus, History, Elocution. German or Italian.
Third Term (Spring).....	The same.

## JUNIOR YEAR

First Term .....	Piano. Psychology. Harmony, Teachers' Instruction. Dictate, Chorus, History. Elocution, German, (French or Italian).
Second Term .....	The same. Duets.
Third Term .....	The same.

## SENIOR YEAR

First Term .....	Harmony, Teaching, Forms. Dictate, Chorus, History, German or French. Duets.
Second Term .....	Counterpoints, Teaching, Forms. Chorus, History, Duets.
Third Term .....	The same.

## VIOLIN COURSE.

## FIRST YEAR

First Term (Fall) .....	Elements of Music, Piano. Dictate, Chorus, History.
Second Term (Winter) .....	Harmony, Piano. Dictate, Chorus, History.
Third Term .....	The same.

## SECOND YEAR

First Term .....	Harmony, Teaching, Forms. Dictate, Chorus, History, Orchestra.
Second Term .....	Counterpoint, Teaching, Forms. Chorus, History, Orchestra.
Third Term .....	The same.

Piano Department*Pieces and Studies*

## BEGINNING GRADE.

## STUDIES

Grade 1—  
 Technical Exercises (Vetter).  
 Tappert.  
 Doering, op. 44, book 1.  
 Koehler, op. 151.  
 Doering, op. 76, book 1.  
 Doering, op. 45, book 1.

## PIECES

Grade 1—  
 Little Folks' Songs, Germer, op. 32.  
 Reinecke, op. 54, Krause, op. 25.  
 Lichner, "Little Leaves and Flowers."  
 Gurliitt, "Album Leaves for the Young."  
 Schumann, op. 68, No. 1-6.  
 Reinecke, op. 107, book 1.

## Grade 2—

Doering, op. 44, book 2.  
 Doering, op. 45, book 2.  
 Doering, op. 76, books 2 and 3.  
 Germer, op. 36, books 1 and 2.  
 Loeschorn, op. 65, books 1  
 and 2.  
 Gurlitt, op. 82.

## Grade 3—

Doering, op. 8, book 1; op. 23,  
 book 1.  
 Doering, op. 166, books 1 and 3.  
 Czerny, op. 299. (Germer),  
 books 1 and 2, or Behrens,  
 op. 68.  
 Germer, op. 37, books 1 and 3.  
 Heller (Germer).  
 Germer, op. 35, books 1 and 2  
 (Polyphony).  
 Bach, preludes.

## Grade 4—

Huenten, op. 30, op. 80.  
 Doering, op. 8, book 2.  
 Czerny, op. 299, book 3.  
 Bertini, op. 29 and 32.  
 Heller or Schytte, op. 106.  
 Bach Inventions (two voices).  
 Czerny, op. 834, op. 92 (toc-  
 cata).

## Grade 2—

Sonatinenalbum, by Germer.  
 Matthews' Introduction.  
 Reinecke, op. 107, book 2; op.  
 47, No. 1.  
 Rieman, op. 48.  
 Kullak, op. 61 and 82.  
 Wilm, op. 81, book 1.

## Grade 3—

Mozart and Haydn Sonatas, easy  
 selections.  
 Beethoven var., easy selections.  
 Mozart, Rondo, D.  
 Mozart, var., E.  
 Hummel, op. 122, op. 55.  
 Schumann, op. 68.  
 Beethoven, op. 49, op. 51.

## Grade 4—

Mendelssohn Songs (Germer).  
 Mendelssohn, op. 72.  
 Clementi Sonatas, op. 26, 39 and  
 24.  
 Moscheles, op. 18.  
 Field, nocturnes.  
 Gade, op. 19, books 1 and 2.  
 Heller, op. 138.  
 Schubert, Ländler, allegretto C  
 Minor, two Scherzi.

## MIDDLE GRADE.

## Grade 5—

Cramer, book 1 (Germer).  
 Behrens, op. 61, books 3 and 4.  
 Czerny, op. 299, book 4.  
 Czerny, op. 740.  
 Loeschorn, op. 67, book 1.  
 Heller, op. 16.  
 Jensen, op. 32, books 1 and 2.  
 Haberber, op. 53.  
 Bach, Suitsen French.  
 Doering, op. 33, book 2, op. 30.  
 Doering, op. 24, 25, octaves.  
 Doering, op. 46, double notes.

## Grade 6—

Cramer, books 2 and 3.  
 Czerny, op. 740.  
 Czerny, op. 337, 40 daily studies.

## Grade 5—

Beethoven, Bagat, op. 119.  
 Beethoven, op. 33.  
 Beethoven, op. 126.  
 Mozart, Hadyn, Clementi, Son-  
 atas.  
 Mendelssohn Songs.  
 Raff, op. 75, Jensen, op. 17.  
 Schumann, op. 124, op. 99, op. 68.  
 Schubert, op. 94, op. 90.  
 Grieg, op. 14, op. 30, op. 6, op. 12.  
 Kirehner, op. 7, op. 9, op. 2.  
 Rubenstein, Nevin, Ravina.  
 Henselt, Weber, Moscheles.

## Grade 6—

Beethoven Sonatas.  
 Mozart, Haydn, Weber, Clementi.  
 Schubert Sonatas.  
 Schumann, op. 15, 82, 28.

Clemeti, Gradus ad Parnasum, Germer.	Chopin, op. 28, preludes.
Jensen, op. 32, book 3.	Chopin, nocturnes.
Doering, op. 33, book 3.	Chopin, mazurkas.
Bach, Inventions (3 voices).	Chopin, waltzes.
Bach, Suiten English.	Jensen, op. 43, 44, op .2.
Bach, well-tempered clavichord.	Heller, op. 92, 83.
Czerny, op. 335.	Gade, op. 34, 36, 41.
Kullak, octave studies.	Mendelssohn, op. 5, 7, 15, 16, 18, 33.

### HIGHER GRADE.

Grade 7—	Grade 7—
Tausig, daily studies.	Weber, selected compositions.
Clementi, Gradus.	Brahms, op. 10 and op. 27.
Bach, Concerto in Italian style.	Beethoven, variations.
Bach, well-tempered clavichord.	Raff, op. 91.
Chopin, preludes, op. 28.	Rubenstein, op. 51.
Heller, op. 81.	Scharwenka, op. 8.
Moscheles, op. 80 and op. 43.	Saint-Saens, op. 23.
Mueller, Capricen, op. 31, 34, 47, 29.	Concertos, by Hummel, Dussek, Field, Mozart, Weber and Beethoven.
Grade 8—	Grade 8—
Czerny, op. 365. Virtuoso School.	Beethoven, Later Sonatas.
Henselt, op. 2, 5 and 13.	Brahms, op. 1, 2 and 5.
Clementi, Gradus.	Chopin, op. 37, 22, 53, etc.
Bach, fugues.	Schumann, op. 6, 9, 17 and 10.
Moscheles, op. 95 and 51.	Mendelssohn, op. 54.
Schumann, op. 3, 10 and 13.	Moskowski, op. 14.
Chopin, op. 10, 25 and 28.	Scharwenka, op. 6.
Rubenstein, op. 23 and 81.	Schubert, op. 53, 78, 143.
Saint-Saens, op. 52.	Concertos, by Beethoven, Schubert, Handel, Schumann, Bach, Chopin, Brahms, Liszt, etc.
Liszt, Etudes, Transcendentals.	

### Violin Department

#### GRADE 1.

##### STUDIES

Wohlfahrt, op. 451, op. 551, op. 92.  
 Shroeder, op. 5.  
 David, op. 441.  
 Hom. Exercises, book 1.  
 Kaiser, op .20, book 1.  
 Herig, op. 2.  
 Abel, technical exercises.

##### PIECES

Hering, op. 66.  
 Schroeder, op. 31, op. 7.  
 Wohlfahrt, op. 301, op. 491.  
 Hamel, op. 22.  
 Hoffman, op. 202.  
 Dancela, op. 123.  
 Urban, op. 26.  
 Weiss, op. 38.





### Organ Department

The demand from many quarters for pipe organ instruction, and especially by those who are qualifying to become church organists, has led to the installing of a very fine pipe organ in the Music Department. The organ is of the latest design, pneumatic action throughout, and is especially adapted to the work of instruction.

Herr Gustav Mehner is splendidly equipped to train pipe organists. He was four years under some of the most noted organists of Europe and is a musician and artist of the highest standing.

The regular fee for instruction is \$33 for a term of three months.

For practice periods \$5 is charged for each period of one hour per day. A special auditorium is set aside for this work, so that considering the expense of heating and lighting and the necessary expense of an electric motor for working the bellows, the fee for this branch is very reasonable.

The student should not commence the study of this instrument until a good practical knowledge of the piano has been obtained. As the organ is principally used in connection with the church service, special attention will be given to the art of service accompaniment. Instruction in the mechanism of the pipe organ will be given to all organ students.

Grade 1—Merkel Organ School, Part 1. Manual playing in two, three and four parts.

Grade 2—Merkel Organ School, Part 2. The natural pedalling; regular alternating of both feet.

Artificial Pedalling; the use of point and heel of the same foot.

Easy pieces by Batiste, Dolmetch, Flagler, Le-maigre, Merkel and others.

Sight Reading; easy hymn tunes with the pedals.

Grade 3—Nilson Pedal Studies.

Merkel, Parts 3 and 4. Various pieces for study and church use.

- Selected Pieces by Rheinberger, Dubois and others.  
 Sight Reading; Hymn tunes in more difficult style.  
 Grade 4—Nilson Pedal Studies, continued.  
 Schneider—forty-four studies. (Manuals and Pedals continued).  
 Bach—Eight short Preludes and Fugues.  
 Some of his Chorals.  
 Rheinberger—Meditations.  
 Other pieces by Guilmant, Malling, La Toutbelle and others.  
 Grade 5—Pedal Studies by Nilson and Schneider to be completed.  
 Bach—Preludes and Fugues of medium difficulty.  
 Mendelssohn—Preludes and Sonatas. (Nos. 2 and 5).  
 Rheinberger—Sonata. (A Minor).  
 Selected pieces by Guilmant, Widor, C. Frank and others.  
 Grade 6—Selected studies suitable for the grade.  
 Mendelssohn—Sonatas. (1, 3, 4, 6).  
 Bach—Toccatas, Preludes and Fugues.  
 Merkel—Sonatas.  
 Schumann—Fugues.  
 Rheinberger—Sonatas, (C Major and others), and Concertos.  
 Widor—Symphonies.  
 Guilmant—Sonatas.  
 Liszt—Prelude and Fugue on the name: Bach.  
 Reger—Prelude and Fugues. Trios. Sonata, (F sharp Minor).  
 Other pieces selected for concert use.

Diplomas will be given as follows: (a) For ability as church organist to such organ students as have reached the Fifth Grade in the Organ course, have completed the work in Harmony, have shown sufficient knowledge in transposition and improvisation are acquainted with the mechanism of the organ. (b) For ability as solo organist to such organ students as have completed the Sixth Grade in the Organ Course, have shown sufficient knowledge in Theory of Music and are acquainted with the mechanism of the organ.

### Vocal Department

Our vocal instruction is based on the so-called pure Italian method. Therefore the fundamental principles of

vocal art, such as breathing, position of larynx, tongue and mouth—in short all functions of the tone-producing and tone-strengthening organs—will receive the most careful and patient attention. The result will be a normal, well placed, easy flowing, resonant and beautiful tone. This is the most important and most difficult part of voice culture. While the Italian method, which treats the voice as a beautiful instrument only, forms the necessary basis of the vocalism, it is absolutely inadequate for the proper rendition of modern music. This demands a perfect treatment of all vowels, consonants, words, phrases and sentences, or all modulations, of emotions and sentiments as indicated by the underlying poem, of which the music is but a higher expression. Therefore, the vocal art requires the most patient and faithful study, and pupils must ever bear in mind that, while “Art is long and time is fleeting,” vocal art is the longest, the deepest, the most difficult, as it is the most beautiful of the arts.

#### VOCAL COURSE OF STUDY.

- Grade 1—J. Smith's Method: Posture, Breathing, Exercises 14 to 17; Tone Production, Part I, Exercises 29-35.
- Grade 2—J. Smith: Tone-Production, Part III; Exercises 36-39.
- Grade 3—Smith: Tone-Production, Part III; Exercises 40-60.  
Tone-Production, Part IV; Secondary Vowels.  
Tone-Production, Part I; Diphthongs or Compound vowels.
- Grade 4—J. Smith: Articulation, Exercises 67-72.  
Pronunciation, Exercises 73-77. Intervals. The Easiest Solfeggi.
- Grade 5—J. Smith: Exercise 78 for the extension of the compass; scales; Sostenuito Exercises. Easy Solfeggi; Easy English Songs.
- Grade 6—J. Smith: Arpeggio; Embellishments; Coloratur Exercises; medium Solfeggi and Songs by Mendelssohn, Schubert, Schumann.
- Grade 7—Continuation of preceding exercises; advanced Solfeggi; songs in Italian, German and French Languages.
- Grade 8—Oratorio Study.
- Grade 9—Opera Study.

# *First Sacred Music Recital*

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*Carnegie Hall, November 21, 1915*

*At 3:30 O'clock*

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## **P R O G R A M**

Selection from the "Messiah".....G. Haendel  
Miss E. Reynolds and Prof. G. Mehner

Dr. R. S. Calder.

Selection from the "Messiah".....G Haendel

### **Advent Time**

Recitative—"Behold a virgin shall conceive."

Air—"O Thou that tellest good tidings."  
Alto Solo—Mrs. M. Dale.

Chorus—"O Thou that tellest good tidings."

Recitative—"For behold darkness shall cover the earth."

Air—"The People that walked in Darkness."  
Bass Solo—Mr. F. Pohlman.

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### **Christmas Time.**

#### **PASTORAL SYMPHONY**

Recitatives for Soprano—Miss G. Hosick.

Chorus—Glory to God.

Air—"Rejoice greatly, O Daughter of Zion."

Soprano Solo—Miss G. Hosick.

Chorus—"For unto us a child is born."

# Grand Concert for the Benefit of the American Red Cross

Given by the Home Orchestra Under the Direction  
of Dr. H. Poehlmann, Assisted by Miss M. Burgess,  
Miss G. Hosick, Miss E. Reynolds,  
Prof. Mehner, Mr. F. Poehlmann, and  
L. Witkowski, in Carnegie Hall  
March 3, 1916, at 8 O'clock

## PROGRAM

Overture—Egmont .....	L. v. Beethoven
Symphony in B Minor.....	F. Schubert
Allegro moderato	
Andante con moto	
Cavatina: Robert, My Beloved.....	G. Meyerbeer
Miss G. Hosick	
Piano Concert in E Flat Major.....	F. Liszt
Allegro maestoso	
Adagio	
Allegretto vivace—Allegro animato	
Allegro marziale	
Prof. G. Mehner	

## II PART

Soprano Soli: (a) "There's a Land".....	F. Allitson
(b) "Who Is Sylvia?".....	F. Schubert
Miss M. Burgess	
Violin Soli: Adagio .....	F. Ries
Spanish Dance.....	F. Reufeld
Miss E. Reynolds	
Baritone Soli: At Dawning.....	C. Cadman
Mavis .....	H. Craxtan
Mr. Frank Poehlmann	
Clarinet Solo.....	Selected
Mr. L. Witkoski	
Orchestra: American Fantasia.....	V. Herbert



# Open Recital

Given by the Model Class of the Music Department,  
Monday Evening, June 5, 1916, 7:30  
O'clock, in Music Hall

## PROGRAM

1. Duet: Valse.....C. Reinecke  
R. McCoy and J. Emery
2. (a) Lullaby (b) Sleepy Time.....H. Smith  
F. Christy, II. Term Class of Miss G. Slater
3. Country Dance.....T. Tapper  
E. Faull, III Term Class of Miss E. Hunsberger
4. Melody .....R. Diabelli  
M. Montgomery, III Term Class of Miss H. McKinney
5. The Fairies Revelry.....O. Barth  
A. Uber, III Term Class of Miss E. McKee
6. March of the Cavaliers.....O. Barth  
H. Gills, III Term Class of Miss McKee
7. Dream Waltz.....L. Koehler  
R. Harmon, III Term Class of Miss J. Russell
8. Duet: Menuet Galante.....C. Reinecke  
J. Kingen and D. Kramer
9. The Happy Farmer.....R. Schumann  
H. Perrine, V Term Class of Miss Slater
10. Song Without Words.....L. Streabbog  
A. Harmon, V Term Class of Miss E. McKee
11. Dance of the Wood Spirits.....R. Forman  
R. McKay, V Term Class of Miss E. Hunsberger
12. Song of the Sirens.....W. Lege  
J. Emery, VI Term Class of Miss McKinney
13. Recitation: L. Smith.
14. The Dancing Lesson.....H. Lichner  
G. Hogue, VI Term Class of Miss G. Slater
15. Heart Love.....C. Gaenshals  
D. Kramer, VI Term Class of Miss J. Russell
16. Trio: Selection from Il Trovatore.....G. Verdi  
J. Kingen, D. Kramer and Miss McKee
17. A Musical Dialogue, supervised by Miss G. Slater.

### Characters:

- |                                                       |                     |
|-------------------------------------------------------|---------------------|
| Little Girl, F. Christy                               | Longa, H. Perrine   |
| Little Boy, J. Emery                                  | Breve, E. Faull     |
| Music Master, H. Gills                                | Noir, M. Montgomery |
| Note, G. Hogue                                        | Croche, L. Smith    |
| Staff, R. Harmon                                      | Quaver, A. Uber     |
| Clef, R. McCoy                                        | Croma, A. Harmon    |
| Duplex Longo, D. Kramer                               | Crochet, R. McKay   |
| 18. Children's Choruses: (a) Little Yellow Dandelion. |                     |
| (b) We March Like Soldiers.                           |                     |
| Class of Miss J. Russell                              |                     |

## Song Recital

*Given by Miss G. Hosick, Soprano, Assisted by  
Miss E. Reynolds, Violin and Miss I. Christy  
and Mr. J. Cameron, Wednesday Even-  
ing, June 7, 1916, in Music Hall*

### P R O G R A M

Soprano Soli:

- (a) Who Is Sylvia?.....F. Schubert
- (b) Margaret at the Spinning Wheel.....F. Schubert
- (c) By Moonlight.....R. Schumann
- (d) "The Love That Linketh Soul to Soul".....F. Liszt

Recitation—The Children.....Dickens

Soprano Soli:

- (a) "Lehn deine Wang an meine Wang".....A. Jensen
- (b) Solvejgs Song.....E. Grieg
- (c) Sans Toi.....G. d'Hardelot

Violin Solo—Ballade and Polonaise, op. 38.....H. Vieuxtemps

Recitation:

- (a) The Possum .....Dunbar
- (b) When the Frost Is on the Punkin.....Riley

Soprano Solo:

Ariette from the Opera, Romeo and Juliet.....C. Gounod

# Commencement Concert

*Given by the Music Graduates of Grove City College  
Assisted by the Choir and Home Orchestra Under  
the Direction of Dr. H. Poehlmann, Monday,  
June 12, 1916, Carnegie Hall, 8 O'clock*

## PROGRAM

Concert for Piano and Orchestra, op. 15, I. Mov.....	L. v. Beethoven
Miss E. McKee	1770-1827
Recitative and Aria from Soprano from the Opera "Der Freischuetz".....	C. M. v. Weber
Miss G. Hosiek	1786-1826
Oration—The Importance of Musical Education.	
Miss G. Slater	
Piano Solo—Whither.....	C. Koelling
Miss E. Hunsberger	1831-1891
Concert for 4 Violins and Piano.....	A. Vivaldi
Allegro, Largo, Larghetto, Allegro	1675-1749
Misses Reynolds, Boots, Hulbert and Mr. Watrous, and Prof. Mehner	

## Intermission

Overture—The Barber of Seville, for Orchestra and two Pianos, eight hands.....	G. Rossini
Misses McKee, Russell, Hunsberger, Slater	1792-1868
Three Choruses for Mixed Voices:	
(1) Old Age.....	G. Slater
(2) Whither .....	E. McKee
(3) Spring Song.....	E. Hunsberger
Chorus: Misses Hosiek, Stewart, McCoy, Dale, Hach, Samons, Messrs. Hanna, Montgomery, Helsman, Payton, Watrous and Patterson	
Piano Solo—Cachoucha (Bolero) op. 79.....	J. Raff
Miss J. Russell	1822-1882
Overture—The Merry Wives of Windsor.....	O. Nicolai
	1810-1849

## MUSIC GRADUATES

Hosiek, Gertrude.....	Grove City, Pa.
Hunsberger, Edna.....	Barkeyville, Pa.
McKee, Eleanor.....	Baldwin, Pa.
Russell, Julia.....	Fredonia, Pa.
Slater, Georgia.....	Grove City, Pa.

## Rates of Tuition

### *Private Lessons*

#### VOCAL

Instruction given by Dr. Poehlmann.

One term's instruction, (two half hour lessons a week).....	\$33.00
One term's instruction, (one half hour lesson a week).....	18.00

Instruction given by an Assistant.

One term's instruction, (two half hour lessons a week).....	28.00
One term's instruction, (one half hour lesson a week).....	16.00

#### PIANO

Instruction given by Dr. Poehlmann or Prof. Mehner.

Two half hour lessons a week.....	\$33.00
One half hour lesson a week.....	18.00

Instruction given by an Assistant.

Two half hour lessons a week.....	28.00
One half hour lesson a week.....	16.00

#### ORGAN

Instruction given by Prof. Mehner.

Two half hour lessons a week.....	\$33.00
One half hour lesson a week.....	18.00

#### VIOLIN

Instruction given by Dr. Poehlmann.

Two half hour lessons a week.....	\$33.00
One half hour lesson a week.....	18.00

### OTHER EXPENSES

Harmony (in classes).....	\$15.00
Counterpoint (in classes of two).....	20.00
Composition (in classes of two).....	25.00
Teachers' Instruction in Piano.....	10.00
Teachers' Instruction in Voice.....	10.00
Dictation and Ear Training.....	6.00
Forms and Analysis.....	10.00
Piano accompanists' course.....	10.00
Elements of music.....	8.00

## DUET LESSONS IN PIANO

One half hour lesson with one of the Professors.....\$ 6.00

Piano duets are free for all students who have Piano and Harmony.

Chorus is free for all music students.

Music History is free for all music students.

Piano practice periods in the Music Hall, 40 minutes, for term.....\$1.00

For Music Library, Sheet Music for Chorus and Ensemble..... 1.00

Fees for certificates of any kind..... 2.00

Additions or duplicates..... 1.00

Organ practice periods, in Carnegie Hall, 1 hour, for the term..... 5.00

Certificates of Dismissal..... 1.50

Diplomas ..... 3.00

Special Examinations ..... 1.00

Tuition is payable invariably in advance. Students who have not paid their College bills or arranged for their payment, will be excluded from classes after the first week of the term. No matriculation or registration fees, or entrance fees to college athletic games are charged. A reduction of \$5 is made in the tuition for two lessons per week in Vocal, Piano, Organ, or Violin to the student who has already paid tuition for two lessons per week in another one of these branches.

A student leaving college during the first four weeks of the term is refunded one-half all tuitions. Students resident in the college dormitories who leave before the end of the term are charged rental for the room for the full term and are refunded any unused boarding (a fraction of a week is charged to the student as a full week).

## GROVE CITY COMMERCIAL SCHOOL

Grove City Commercial School is closely connected in its organization with Grove City College. It maintains a course of study especially adapted to the needs of young men and women preparing themselves to become proficient in business practice.

### Commercial Course

The course is similar to that pursued in the leading schools of the country and furnishes instruction fully equal to that found in the best business colleges of the State. We offer in this department a complete commercial course, one which prepares for business life in the widest sense and which gives thorough instruction in bookkeeping, banking, counting room work, and all such subjects.

### Bookkeeping

Instruction in this branch is divided into four departments: Introductory, Intermediate, Advanced and Office Departments. The work is so planned that all other branches of study are made to keep pace with the student's progress in bookkeeping.

In the Introductory Department the pupil is thoroughly grounded in the principles and forms of negotiable paper and all such documents as pertain to practical business.

In the Intermediate Department the student is thoroughly tested as to his proficiency in the work already performed. Special forms of books are opened and closed, and advanced courses in commercial law and business correspondence are pursued and complicated features of accounts are carefully considered and mastered.

In the Advanced Department several special lines of work are taken up covering banking, wholesaling, com-



mission house work, jobbing house work, transportation, and business practice.

### College National Bank

The Bank sustains the same relation to the pupils that the regular banks do to business men. It receives deposits, pays checks, collects notes and drafts, as well as domestic and foreign exchange, issues certificates of deposit, etc.

### Wholesale House

Our wholesale house buys its goods of jobbers and sells at wholesale rates to the business practice department. The duties of this office involve writing letters, making out bills, preparing invoices, keeping banking accounts, rendering statements, drawing and paying drafts, notes, etc.

### Business Practice

The business practice and the counting room are the leading features of our commercial course and do more to advance the student in his work than any other feature of the business course. Here the pupils become in all essential particulars business men. They are provided with capital and with all necessary documents, the books and stationery of a business house. They are lead through a course of transactions, correspondence, and records which are adapted to the thorough training of the student. This work is very comprehensive, including the keeping of a set of books, the drawing up of all kinds of business documents, including drafts, notes, checks, leases, mortgages, deeds, co-partnership and other contracts, receipts, orders, and all such business forms as pertain to actual business.

### Commercial Law

We give special attention to commercial law. No student is equipped to go out into business who has not a thorough knowledge of the essential laws of business. We are using as our leading textbook a work entitled "Commercial Law," published by Williams & Rogers, and go thoroughly into such subjects as the laws governing transactions, negotiable paper, agency, partnership, joint stock companies, corporations, insurance, interest, liens, tender, payment, real estate, conveyance, etc., etc.

### Penmanship

We insist that our students shall take penmanship during the entire course until they become skilful business penmen. There are hours for penmanship practice daily during the entire course.

### Outline of Work

Commercial Law.  
Business Correspondence.  
Rapid Calculation.  
Commercial Arithmetic.  
English Grammar.  
Penmanship.

Bookkeeping—Initiatory Blanks are Journal, Cash Book, Sales Book, Bill Book and Ledger. Intermediate and Advanced are Special Column Journal, Retail, Commission, Jobbing, Manufacturing, Single Entry, Banking and Three Weeks in Business Practice, with general review of previous work.

Business Practice includes keeping a set of books, receiving and issuing checks, notes, drafts, certificates of deposit, invoices and telegrams.

### Stenography and Typewriting

Practical stenographers and typists are in demand in almost every branch of business. The field for the practical application of stenography and typewriting is daily

enlarging. Good stenographers and typists find ready employment at good salaries.

We teach the touch system of typewriting and the use of different typewriting machines, such as Remington, Visible Underwood, etc.

The time required to become a rapid office stenographer is, on the average, nine months. We guarantee to prepare the average student who applies himself for practical office work as a stenographer in three terms.

### Outline of Work

First term. Manual, Graham system, mainly textbook work. Typewriting.

Second term. Manual, Elementary dictation. Typewriting.

Third term. Manual, stenographic office practice. Dictation. Dictation studies for all offices, civil service, court dictation, etc. Typewriting.

### Tuition

The tuition for commercial branches or for stenography is \$29.00 a term. The tuition for stenography and typewriting is \$34.00 a term. The tuition for those students taking both commercial branches and stenography and typewriting is \$39.00 a term.

Many students take advantage of the opportunity of receiving instruction in preparatory or collegiate subjects. This entails an extra tuition of \$5.00 for one subject or \$10.00 for two or more subjects.

A diploma is awarded to each graduate setting forth the fact of graduation, and efficiency attained.

### *Special Advantages*

1. The opportunity of pursuing a business course under the best Christian influences.

2. The exceedingly low cost of a course in business here as compared with that of the usual business or commercial college.

3. The stimulus incident to association with earnest students in the College.

4. The opportunity of taking literary studies in connection with the business course.

5. The comparative safety of a student from the vices and allurements of a large city.

6. Access to the college library and reading room, the advantage of literary and musical societies at the College, and the free use of all facilities provided for the college students.

7. The opportunity of taking stenography and type-writing in connection with commercial studies is improved by many who enter the business department.

## GROVE CITY SCHOOL OF ART

The Grove City School of Art was organized in 1893, since which time there has been a manifest growth of art sentiment in the community. It is closely affiliated with Grove City College.

Miss Lilian McConkey, who received her training in some of the best art schools of this country and notably at the Academy of Fine Arts, Philadelphia, and who has had several years successful experience in teaching was engaged to take charge of this work at the beginning of the year 1904-05.

Miss McConkey is a constant and conscientious student herself, and has the power of seeing nature with seeing eyes. She has also the gift of interpreting nature for others and gives to each pupil her careful and personal attention.

The remarkable showing upon our walls of each year's output in all the classes of the department in creative, as well as merely representative work, is evidence that students are being truly educated. The work reveals the sensitiveness that has been developed in them to all forms of beauty—beauty of form, of color, of line, of mass and of value, and with it the power to express those images of beauty which William M. Chase, the artist, so graphically calls the Oratory of Art.

The regular course in the fine arts is compassed by the average pupil in two years, if the entire time is spent in the studio. This includes four regular lessons a week from the instructor and personal criticisms in all the work done in her absence. The tuition for the full course work is \$27 a term. To those not wishing to follow the regular course of work, two lessons a week will be given for \$15 a term. Students, who desire to take literary work can do so by paying \$10 for one subject or \$15 for two or more subjects. Art students who take music or commercial work, pay the

full tuition in these respective departments. Those students, desiring to take up art for public school work, will be furnished instruction along this line. The foundation of the work will be the same as that required in the regular course, changes being made to suit the requirements of this work. The time for the completion of this course and the tuition will be the same as the other. This is a line of work that is practical and for which there is great demand. A large number of our graduates are successfully engaged in this work.

The following is a brief outline of the work compassed in Fine Arts:

Crayon Drawing from geometrical solids and vases with applied perspective. Lead pencil drawing after foliage and flowers from nature, with training in observation of plant growth for use in flower painting from nature.

Charcoal drawing from still life as exercises in composition and for study of varied colored values. Brush drawing in sepia and charcoal, gray from foliage, casts and still life. Practice for the handling of water color. Historic ornament; time sketching; perspective, antique drawing from casts of the human body; water color from the flat and from nature. Oil from the flat and from nature. China sketching; art history; outdoor sketching.

For those desiring to teach art in the schools, special work is outlined in mechanical drawing, design, historic ornament, figure and animal drawing, pictorial representation, art history, etc.

Miss McConkey, while in the East, found time to look up the newest and very latest things in china decoration and is prepared to give her pupils the best to be had along this line. Special inducements are given in this department and, if so desired, instruction will be given without previous training under the same careful guidance given those taking a more serious outlook of the subject.



### Course In Fine Arts

#### FIRST YEAR—FIRST TERM.

Drawing from type forms.  
Shading of type forms in charcoal and crayon.  
Drawing from still life.  
Study of plant growth.  
Still life in charcoal.  
Perspective.  
Bust work in sepia.

#### SECOND TERM.

Crayon work in bas-relief.  
Water color from the flat.  
Memory sketching.  
Time sketching.  
Work for historic ornament.  
Study of color from nature in simple forms.  
Composition.

#### THIRD TERM.

Oil from the flat.  
Drawing from the casts of human figure.  
Sketching from nature in pencil.  
Harmony.  
Drawing from animals.  
Studies in life and action.  
Original compositions.

#### SECOND YEAR—FIRST TERM.

Still-life in oil.  
Drawing from the antique.  
Design.  
Outdoor sketching in oil.  
Pose Drawing.  
Biography in Art.

#### SECOND TERM.

Drawing from the Antique.  
China painting.  
Original designing and decoration.  
Drawing from life.  
History of art.

Scrub method in water color.  
Original studies.

### THIRD TERM.

Still life in water color.  
Drawing from the Antique.  
Drawing from life.  
Outdoor sketching in water color.  
Original illustration in black and white.  
Teaching.

### RATES OF TUITION A TERM.

Course in Fine Arts.....	\$27.00
Course in School Art.....	27.00
China Painting .....	15.00
Water Color .....	15.00
Oil .....	15.00

## DEGREES AND HONORS

At the annual meeting of the Board of Trustees, June 13th, 1916, the following degrees were conferred; they were awarded at the Commencement, June 14th, 1916:

### *Bachelor of Philosophy*

Clark, Sara Mae.....	Grove City
Nicholson, David Kirk.....	Swissvale
Shoemaker, Frank Leslie.....	Ellwood City
Veach, Samuel McMillen.....	New Castle

### *Bachelor of Science*

Byers, Justin Scott.....	Homer City
Campbell, Robert John.....	Clarington
DeFrance, James Addison.....	Sandy Lake
Keister, William Park Humes.....	Claysville
Martin, Cyrus LeRoy.....	New Castle
Montgomery, Nevin .....	Shade Gap
Payton, Eugene John.....	Dunmore
Ralston, Ray Robert.....	Conneaut Lake
Reagle, Charles Marshall.....	Wellsville, Ohio
Rodgers, Harold Russell.....	Grove City
Smith, Darwin Donald.....	Oswayo
Thorn, Robert Emlen.....	Grove City
Wallace, Elder Rhodes.....	New Castle
Watrous, Joseph Bert.....	Dunmore

### *Bachelor of Arts*

Armstrong, Angus Griffin.....	Franklin
Atkinson, Mabel McKeen.....	Elm Grove, W. Va.
Austin, W. L.....	Oakdale
Brogan, Grace Elizabeth.....	Clairton
Cameron, James Wilfred.....	New Castle
Campbell, Dorothy Lee.....	Big Run
Caven, Lula Blanche.....	Beaver Falls
Christie, Ida Elizabeth.....	Grove City
Covert, Alice .....	Portersville
Crowe, Eva Delle.....	Washington
Dann, Arthur J.....	Uniontown
Dunlap, Forrest Burgess.....	Mercer
Heckathorne, Oren Howard.....	Slippery Rock
Helsman, Franklin Benjamin.....	Bernice
Knapp, Joseph Scott.....	Fredonia
McCamey, Harold Emerson.....	New Castle
Miller, Ruth Hanna.....	Derry
Nichols, Carolyn Emily.....	Vandergrift
Owens, John Dyer.....	Swissvale
Pierce, Harold Orson.....	Grove City

Redman, Anna Ruth.....	Glassport
Shaw, Ira Delbert.....	Turtle Creek
Shultz, I. Sturges.....	Watsonstown
Smith, Eva Jane.....	Falls Creek
Snyder, Valetta Birde.....	West Monterey
Studebaker, Mrs. Jessie Gilfilland.....	Slippery Rock
Whieldon, Harold Dodds.....	Grove City
Wiley, Howard George.....	New Middletown, Ohio
Young, Charlotte Elizazbeth.....	Savannah, Ohio

### *Bachelor of Literature*

Abbott, Franz David.....	Grove City
Brown, Frederick Van S.....	New Castle
Chamberlain, Helen.....	Grove City
Hosick, Gertrude Jane.....	Grove City
Weil, Carson D.....	Braddock

### *Music Graduates*

#### *Piano*

Hunsberger, Edna Miriam.....	Barkeyville
Kerr, Ora .....	Grove City
McKee, Eleanor.....	Baldwin
Russell, Julia Mildred.....	Fredonia
Slater, Georgia .....	Grove City

#### *Voice*

Hosick, Gertrude Jane.....	Grove City
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### *Art Graduate*

Craig, Edna Florence.....	Grove City
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### *Master of Science in cursu*

George Clark Southworth, B. S., 1914. Instructor in Physics in Grove City College.

### *Master of Arts in cursu*

Jeremiah John Lynch, Superintendent of Schools, Saint Marys.  
Howard Rodgers, A. B., 1915. Student at Princeton Theological Seminary. Summer Supply at Kipling, Saskatchewan, Canada.  
John W. Rutherford, Ph. B., 1909, Supervising Principal of Schools, Clarion.

*Doctor of Philosophy in cursu*

Daniel Rexford Merrick, Supervising Principal of Schools at Coudersport.

Charles Alexander Platt, A. M., 1912, Professor of Psychology and Education, Mansfield State Normal School.

James Edward Scott, Pastor St. Paul's Methodist Episcopal Church at Grafton, West Virginia.

*Doctor of Divinity causa honoris*

Robert Joseph Diven, A. B., 1893, Pastor of the Presbyterian Church, Albany, Oregon.

P. H. Murdick, Pastor of the Bellevue Methodist Episcopal Church, Bellevue, Pa.

Harry F. Rowe, A. B., 1894, Professor of Church History in the Nanking School of Theology, Nanking, China.

*Honors*

Magna cum laude—Fran David Abbott, Eva Delle Crowe, John Dyer Owens, Ira Delbert Shaw.

Cum laude—James Wilfred Cameron, James Addison DeFrance, Eva Jane Smith.

# ROSTER OF STUDENTS

## Post Graduates

Anderson, G. G.....	Sharon, Pa.
Austin, W. L.....	Oakdale, Pa.
Cameron, J. W.....	Harlansburg, Pa.
Conn, L. H.....	Pittsburgh, Pa.
Elder, Mrs. S. C.....	Grove City, Pa.
Galloway, J. M.....	Volant, Pa.
Gilliland, Howard.....	Woodlawn, Pa.
Knapp, Scott.....	Fredonia, Pa.
Lehn, H. M. B.....	Grove City, Pa.
Miller, T. P.....	Brockport, Pa.
Nicholson, H. S.....	Grove City, Pa.
Peters, Charles.....	Juniata, Pa.
Pires, E. C.....	Fostoria, Ohio
Rusk, G. Y.....	Baltimore, Md.
Southworth, George.....	Grove City, Pa.
VanBuskirk, W. R.....	Mercer, Pa.
Whieldon, H. D.....	Grove City, Pa.
Wozencraft, J. G.....	McConnellsville, Ohio

## Seniors

Bell, Ellen.....a. b.....	North Washington, Pa.
Bell, Jean.....a. b.....	North Washington, Pa.
Bigler, Helen.....a. b.....	Grove City, Pa.
Biles, J. H.....b. s.....	Ulster, Pa.
Black, Ruth.....a. b.....	Grove City, Pa.
Bortz, Clifford E.....b. s.....	Greenville, Pa.
Chelius, R. E.....b. s.....	Westville, Pa.
Cloos, Ira H.....Litt. b.....	Pittsburgh, Pa.
Davis, D. P.....a. b.....	Linesville, Pa.
Dean, Anna E.....a. b.....	Conneautville, Pa.
Glasgow, Martin.....b. s.....	Vandergrift, Pa.
Graham, Blanche.....Litt. b.....	Blairsville, Pa.
Greenfield, R. B.....b. s.....	Springboro, Pa.
Howe, Mary.....Litt. b.....	Grove City, Pa.
Jack, Eunice.....a. b.....	Vandergrift, Pa.
King, C. B.....b. s.....	Grove City, Pa.
Locke, O. H.....Litt. b.....	Woodlawn, Pa.
McClure, Margaret.....Litt. b.....	Jeannette, Pa.
Marshall, Ada.....a. b.....	Dayton, Pa.
Marshall, Fred.....b. s.....	Adamsville, Pa.
Morledge, Roy V.....a. b.....	Grove City, Pa.
Patton, John.....a. b.....	Vandergrift, Pa.
Phillips, Natalie.....a. b.....	Punxsutawney, Pa.
Robinson, E. L.....a. b.....	Grove City, Pa.
Sabol, John.....b. s.....	Watsonburg, Pa.
Stewart, Gretchen.....a. b.....	Sharon, Pa.
Vaughn, W. J.....a. b.....	Grove City, Pa.



Veach, Vance .....	Litt. b. ....	New Castle, Pa.
Wells, E. M. ....	b. s. ....	Wellsville, N. Y.
Weisz, A. B. ....	a. b. ....	Grove City, Pa.
Young, Charlotte .....	a. b. ....	Greenville, Pa.
Total, 31; Men, 18; Women, 13.		

### Qualifying Seniors

Alter, S. N. ....	a. b. ....	Tarentum, Pa.
Baird, W. L. ....	b. s. ....	Clintonville, Pa.
Bell, Ruth .....	a. b. ....	Yatesboro, Pa.
Bigler, V. L. ....	b. s. ....	Grove City, Pa.
Boots, Sylvia .....	Litt. b. ....	Grove City, Pa.
Brenner, R. A. ....	Litt. b. ....	Jamestown, Pa.
Bromley, N. I. ....	a. b. ....	Fredonia, Pa.
Clutton, A. T. ....	b. s. ....	Slippery Rock, Pa.
Connell, John T. ....	b. s. ....	Slippery Rock, Pa.
Daugherty, Corrine .....	Litt. b. ....	Clintonville, Pa.
Davis, Mary .....	Litt. b. ....	Grove City, Pa.
Deal, Marian .....	Litt. b. ....	Grove City, Pa.
DeFrance, A. K. ....	b. s. ....	Sandy Lake, Pa.
Fairgrieve, Russell .....	b. s. ....	Grove City, Pa.
Hannigan, Mary .....	a. b. ....	Monessen, Pa.
Herriott, Laura .....	a. b. ....	Sharpsville, Pa.
Henderson, A. B. ....	b. s. ....	Grove City, Pa.
Hill, R. B. ....	b. s. ....	Grove City, Pa.
Humphrey, Helen .....	Litt. b. ....	Portersville, Pa.
McNees, H. W. ....	b. s. ....	North Washington, Pa.
McIlwain, J. C. ....	b. s. ....	Pittsburgh, Pa.
Magee, Mrs. Eleanor .....	Litt. b. ....	Grove City, Pa.
Martin, J. A. ....	a. b. ....	Greenville, Pa.
Raub, Glesson .....	a. b. ....	Vandergrift, Pa.
Ritchey, A. C. ....	b. s. ....	Grove City, Pa.
Ryan, Ruth .....	Litt. b. ....	DuBois, Pa.
Total, 26; Men, 15; Women, 11.		

### Juniors

Allen, J. G. ....	Allen's Mills, Pa.
Anderson, C. L. ....	Hubbard, Ohio
Baldsberger, Carrie .....	Venetia, Pa.
Black, Ira A. ....	New Castle, Pa.
Buchanan, Mabel .....	Grove City, Pa.
Campbell, Catherine .....	Grove City, Pa.
Cotton, Geraldine .....	Mercer, Pa.
Crawford, Helen .....	Mercer, Pa.
Des Roches, C. H. ....	Instanter, Pa.
Forrest, Esther .....	Grove City, Pa.
Fowler, Blanche .....	Sandy Lake, Pa.
Gelbach, Nettie .....	Butler, Pa.
Gibson, E. L. ....	Grove City, Pa.
Gilliland, L. J. ....	Curwensville, Pa.
Hewlett, Augusta .....	Grove City, Pa.

Hogg, A. J.	Slippery Rock, Pa.
Holder, Carl L.	Cambridge Springs, Pa.
Hosick, Edna	Grove City, Pa.
Jordon, Marian	Grove City, Pa.
Kelly, Helen	Grove City, Pa.
Knapp, L. V.	Fredonia, Pa.
Kuhn, Marjorie	Grove City, Pa.
McArthur, J. F.	Oil City, Pa.
McCamey, Marian	Parkers Landing, Pa.
McCoy, Lois	Grove City, Pa.
McCullough, Clara	Sandy Lake, Pa.
McCune, George	Grove City, Pa.
McCune, Mary Gertrude	Grove City, Pa.
McGranahan, J. F.	Jamestown, Pa.
Means, Alta	Brookville, Pa.
Minor, Scott	Jefferson, Pa.
Pollock, H. C.	Grove City, Pa.
Preston, John	New Castle, Pa.
Reed, Frances	Erie, Pa.
Reed, Ramona	DuBois, Pa.
Robinson, E. F.	Grove City, Pa.
Ruffing, John	Grove City, Pa.
Spence, Ed.	Grove City, Pa.
Stuart, Ida Belle	Erie, Pa.
Studebaker, J. J.	Slippery Rock, Pa.
Weaver, Ivy	Johnstown, Pa.
Welch, Ray	Ford City, Pa.
Wertman, Charles	Franklin, Pa.
Total, 43; Men, 21; Women, 22.	

### *Sophomores*

Adam, Earl	Utahville, Pa.
Anderson, W. R.	Wilkesburg, Pa.
Baker, Helen	Grove City, Pa.
Barber, Rose Margaret	Slippery Rock, Pa.
Blyholder, Isabelle	Kelly Station, Pa.
Boylan, C. H.	Hadley, Pa.
Brehm, Irene	Rochester, Pa.
Bricker, Grace	Cabot, Pa.
Byers, Wendell	Homer City, Pa.
Conrad, Sarah	Grove City, Pa.
Dodds, Wesley	New Castle, Pa.
Edeburn, P. W.	West Middlesex, Pa.
Edgar, R. H.	Bradford, Pa.
Edwards, Guy	Riceville, Pa.
Evans, Jessie	Huntingdon, Pa.
George, Grace	Grove City, Pa.
Ginley, John	Dunmore, Pa.
Gould, Helen	Grove City, Pa.
Graham, R. W.	Grove City, Pa.
Gregg, W. R.	Grove City, Pa.
Haffey, Ella	Haffey, Pa.

Hayes, E. E.....	Luthersburg, Pa.
Heil, Roland.....	Transfer, Pa.
Heilman, Ralph.....	Kittanning, Pa.
Henderson, Mary.....	Glen Richey, Pa.
Hoover, Horace.....	Mechanicsville, N. Y.
Jack, Esther.....	Vandergrift, Pa.
Kilgore, C. D.....	Greenville, Pa.
King, Martha.....	Grove City, Pa.
Knapp, Emma.....	Crafton, Pa.
Kroh, James.....	Rural Valley, Pa.
Lawson, G. R.....	Saybrook, Pa.
Livingood, Fred.....	Farrell, Pa.
Lyon, Fred.....	Butler, Pa.
McBride, Rowena.....	Grove City, Pa.
McKinstry, S. R.....	Vandergrift, Pa.
McRoberts, Opal.....	New Kensington, Pa.
Manson, H. S.....	Clarion, Pa.
Metzger, Ethel.....	Shippensburg, Pa.
Miller, Clarence.....	Apollo, Pa.
Moon, Denton.....	Grove City, Pa.
Morledge, H. Weir.....	Grove City, Pa.
Munz, C. E.....	Renfrew, Pa.
Ormond, Roger.....	Grove City, Pa.
Parsons, Milton.....	Slippery Rock, Pa.
Phipps, C. C.....	Clintonville, Pa.
Purvis, W. E., Jr.....	Grove City, Pa.
Reed, Charles P.....	Corsica, Pa.
Redmond, Florence.....	Grove City, Pa.
Ritchey, H. S.....	Grove City, Pa.
Sammons, Mabel.....	Erie, Pa.
Schaefer, E. M.....	Grove City, Pa.
Schrader, Maida.....	Allison Park, Pa.
Smith, Robert M.....	Sandy Lake, Pa.
Stoops, J. A.....	Harrisville, Pa.
Stewart, Anne.....	Coal Glenn, Pa.
Stewart, Arthur.....	Mercer, Pa.
Storey, J. M.....	Kittanning, Pa.
Sturgeon, Marian.....	Grove City, Pa.
Taylor, Bertha.....	Canonsburg, Pa.
Thomas, Vergil.....	Coraopolis, Pa.
Thompson, Jessie.....	Grove City, Pa.
Ungard, Wm. T.....	Watsonstown, Pa.
Vander Vort, J. J.....	DuBois, Pa.
Van Zandt, Mildred.....	Point Marion, Pa.
Vought, H. E.....	Portland Mills, Pa.
Walters, Carrie.....	Grove City, Pa.
Walter, J. Roy.....	Apollo, Pa.
Webb, Wm. A., Jr.....	Baltimore, Md.
Webster, Goodwin.....	Harveys, Pa.
Weil, E. E.....	Braddock, Pa.
Whitehill, Lorin.....	Hookstown, Pa.
Wiley, Roy W.....	New Middleton, Ohio ...

Total, 73; Men, 46; Women, 27.

*Freshmen*

Alexander, A. L.....	Grove City, Pa.
Alexander, Margaret.....	Grove City, Pa.
Allen, Walter H.....	Grove City, Pa.
Andrews, Leonard.....	Cochran, Pa.
Appleyard, Joseph.....	Beaverdale, Pa.
Baker, Harold K.....	Hindman, Ky.
Barber, Mary Evelyn.....	Slippery Rock, Pa.
Barnes, Wilda.....	Slippery Rock, Pa.
*Bentley, Hubert .....	Conneautville, Pa.
Black, James H.....	Grove City, Pa.
Black, Jean.....	Petrolia, Pa.
Bloom, Worth.....	DuBois, Pa.
Bolt, Floyd .....	Derry, Pa.
Burton, John D.....	Grove City, Pa.
Carroll, E. W.....	West Finley, Pa.
Chamberlain, Dorothy.....	Grove City, Pa.
Chamberlain, Elizabeth.....	Grove City, Pa.
Chamberlain, Robert.....	Grove City, Pa.
Christie, Jessie.....	Grove City, Pa.
Christy, Mary.....	Grove City, Pa.
Clark, Bula.....	Grove City, Pa.
Clark, James C.....	Greensburg, Pa.
Collart, Winsor.....	Cleveland, Ohio
Crawford, Mae.....	Emlenton, Pa.
Cribbs, W. J.....	Grove City, Pa.
Cunningham, R. D.....	Grove City, Pa.
Dale, Fred.....	Grove City, Pa.
Dean, Howard.....	Mars, Pa.
Dixon, Carl.....	Greensburg, Pa.
Eberhardt, Mary.....	Monaca, Pa.
Edmunds, Dorothy.....	New Castle, Pa.
Eisaman, Gertrude.....	Latrobe, Pa.
Filer, Emma.....	Grove City, Pa.
Foltz, Ruth.....	Grove City, Pa.
Frew, Margaret.....	Grove City, Pa.
Gabler, R. B.....	Brownsville, Pa.
Geist, Seiler.....	Latrobe, Pa.
Gilmore, Elsie.....	Grove City, Pa.
Grace, Bessie.....	Grove City, Pa.
Graham, E. Pride.....	Evans City, Pa.
Grimes, Alice.....	Grove City, Pa.
Grosse, Blythe.....	Vandergrift, Pa.
Harris, William.....	Grove City, Pa.
Hassell, Frederick.....	Grove City, Pa.
Heckert, Joseph.....	Bakerstown, Pa.
Heilman, R. M.....	Elderton, Pa.
Hemstreet, Ethel .....	Mechanicsville, N. Y.
Hepler, Elizabeth.....	Butler, Pa.
Hill, Paul.....	Grove City, Pa.
Hill, Philip.....	Grove City, Pa.

\*Deceased.

Hodge, Mont.....	Grove City, Pa.
Hopkins, A. G.....	Guy's Mills, Pa.
Hopkins, Thorne.....	Leechburg, Pa.
Howe, Ruth.....	Grove City, Pa.
Humphrey, Elizabeth.....	Grove City, Pa.
Harbrige, A. V.....	DuBois, Pa.
Jones, W. H.....	Kellettville, Pa.
Klingler, Donald.....	Emlenton, Pa.
Langendorf, Ruth.....	Monongahela, Pa.
Law, Samuel.....	Lloydell, Pa.
Lewis, Alice Belle.....	Punxsutawney, Pa.
Limber, Ross.....	Jackson Center, Pa.
Lowstetter, Viola.....	Hazzard, Pa.
Lusk, Elizabeth.....	Butler, Pa.
McBurney, Florence.....	Grove City, Pa.
McCord, J. H.....	McKeesport, Pa.
McCune, Grace.....	Grove City, Pa.
McIntyre, Paul.....	Dayton, Pa.
McPhearson, M. T.....	Yatesboro, Pa.
Magee, Ralph.....	Grove City, Pa.
Marshall, J. Deane.....	Mars, Pa.
Marshall, Ruth.....	Mars, Pa.
Matson, May Lily.....	Sigel, Pa.
Minor, C. H.....	Volant, Pa.
Mitchell, Frances.....	Butler, Pa.
Mizner, Mildred.....	Wheatland, Pa.
Moats, Bliss.....	Jamestown, Pa.
Monroe, George E.....	Grove City, Pa.
Moon, Marie.....	Grove City, Pa.
Moore, Jessie.....	Grove City, Pa.
Muller, Beth.....	Ligonier, Pa.
Munnell, Helen.....	Mercer, Pa.
Nash, Ruth.....	Erie, Pa.
Niece, Alice.....	Grove City, Pa.
Niece, William.....	Grove City, Pa.
Nutt, E. L.....	Grove City, Pa.
Patterson, A. DeWitt.....	Franklin, Pa.
Patterson, Charles.....	Grove City, Pa.
Patton, Harry.....	Kittanning, Pa.
Penman, Robert.....	Grove City, Pa.
Perrin, Dorothy.....	Butler, Pa.
Phipps, Thomas.....	Clintonville, Pa.
Pierce, L. M.....	Grove City, Pa.
Robins, Lola.....	Grove City, Pa.
Robinson, J. B.....	Grove City, Pa.
Ryan, Joseph.....	DuBois, Pa.
Shadle, Wilmer J.....	Leechburg, Pa.
Sharpe, Merle.....	Sigel, Pa.
Shelly, P. L.....	Grove City, Pa.
Slough, Miriam.....	New Castle, Pa.
Smith, George.....	Sharpsburg, Pa.
Stewart, Margaret.....	Grove City, Pa.
Tait, Q. R.....	Mercer, Pa.



Tench, T. Edward.....	Leechburg, Pa.
Terihn, Julia .....	Ridgway, Pa.
Thomas, Homer.....	Coraopolis, Pa.
Uber, Arthur.....	Grove City, Pa.
Unangst, Harry.....	Cochranton, Pa.
Venen, Frances.....	Springboro, Pa.
Walter, Deane C.....	Export, Pa.
Ware, C. F.....	Guys Mills, Pa.
Whieldon, Lucile.....	Grove City, Pa.
White, Florence.....	Grove City, Pa.
Whitehill, Eulalie.....	Burgettstown, Pa.
Williams, Arthur E.....	Coraopolis, Pa.
Williams, Bessie.....	Bellevue, Pa.
Total, 118; Men, 67; Women, 51.	

### Conditional Freshmen

Boyd, Muryl J.....	Princeton, Pa.
Cameron, F. Williard.....	Harlansburg, Pa.
Cann, Julia .....	Stoneboro, Pa.
Connolly, Hugh.....	Pittsburgh, Pa.
Cook, James.....	Beaver Falls, Pa.
Cravener, Ed. K.....	Indiana, Pa.
Curry, Josephine .....	Grove City, Pa.
Curry, William.....	Grove City, Pa.
Eisaman, Ethel .....	Latrobe, Pa.
Fails, Allen .....	Livermore, Pa.
Gould, George .....	Grove City, Pa.
Hunter, H. H.....	Emlenton, Pa.
Jennings, Dorothy.....	Tidioute, Pa.
Knox, George .....	New Castle, Pa.
Kreig, Irwin J.....	Portland Mills, Pa.
McCarl, Madge.....	Grove City, Pa.
McCune, Eulalie.....	Volant, Pa.
Monroe, G. Karl.....	Butler, Pa.
Morris, F. Ray.....	Perry, N. Y.
Reed, Charlotte .....	Erie, Pa.
Rider, Craig.....	East Brady, Pa.
Rowe, Russell .....	Betula, Pa.
Smith, Byron.....	Emlenton, Pa.
Surrens, Harland .....	Grove City, Pa.
Thompson, Harold.....	Franklin, Pa.
Wick, Robinson .....	Parkers Landing, Pa.
Young, Paul.....	Grove City, Pa.
Total, 27; Men, 20; Women, 7.	

### Preparatory and Special

Ackley, Lee .....	Sigel, Pa.
Amo, Walter .....	Knox, Pa.
Aubel, Zella.....	Jamestown, Pa.
Austin, W. L.....	Oakdale, Pa.
Bachop, Emma .....	Sheakleyville, Pa.



Bamford, George K.	Ontario, Canada
Barnes, John H.	New Castle, Pa.
Barron, W. E.	Slippery Rock, Pa.
Baum, Charles	Manorville, Pa.
Beatty, George	New Galilee, Pa.
Beaver, Margaret	Titusville, Pa.
Bennett, Orville	Bloomsburg, Pa.
Black, Lois	Grove City, Pa.
Boggs, L. V.	Clarion, Pa.
Bogue, Marie	Erie, Pa.
Bott, Paul	Apollo, Pa.
Bowser, Clarence	Renfrew, Pa.
Brown, Flora	Bradén, Pa.
Brown, Samuel	Apollo, Pa.
Bruner, Helen	Sandy Lake, Pa.
Buchanan, James	Burgettstown, Pa.
Burkett, Wilburt	Markton, Pa.
Bustamante, Manuel	Miatalba, Nicaragua
Carruthers, H. M.	Grove City, Pa.
Chubbuck, Mame	Allentown, Pa.
Clarke, Harold	West Middlesex, Pa.
Cooley, Norman	Sandy Lake, Pa.
Cornett, Luke	Hindman, Ky.
Crum, Harry	Derry, Pa.
Dann, A. J.	Uniontown, Pa.
Dearborn, Ned	Harmonsbürg, Pa.
Derby, Errol	Scranton, Pa.
DeRehmer, F. W.	Hydetown, Pa.
Dickson, Elda	N. Martinsville, Pa.
Dinsmore, Grace	West Finley, Pa.
Dodd, O. M.	DuBois, Pa.
Earhart, Wyeth	Saltsburg, Pa.
Emery, Viola	Grove City, Pa.
Fiscus, Mabel	Sigel, Pa.
Fithian, Leila	Grove City, Pa.
Fowler, Anna	Eldred, Pa.
Fredley, H. E.	Butler, Pa.
Gibbons, Frank	Scranton, Pa.
Glasgow, George	Vandergrift, Pa.
Graham, S. P.	Evans City, Pa.
Grosser, Gertrude	Plymouth, Pa.
Hall, Robert H.	Kane, Pa.
Hamer, Edward	Fayette City, Pa.
Harden, Geraldine	Butler, Pa.
Harmon, Florence	DuBois, Pa.
Hayes, Florence	Luthersburg, Pa.
Hazlette, Annie	Grove City, Pa.
Hedrick, Blanche	Linesville, Pa.
Henry, Don A.	Saegerstown, Pa.
Herlinger, H. V.	Blairsville, Pa.
Hersperger, Thomas	Grove City, Pa.
Hinsdale, Russell	Grove City, Pa.
Hinsdale, Waldro	Grove City, Pa.

Hoag, Ruth.....	Cranesville, Pa.
Hoban, J. Albro.....	Dunmore, Pa.
Hotaling, Lourene.....	Knox, Pa.
Howe, Jannette.....	Grove City, Pa.
Humphrey, James.....	Grove City, Pa.
James, Elizabeth.....	Plymouth, Pa.
Jamison, H. Theo.....	Erie, Pa.
Johnson, Nelson D.....	Brocton, N. Y.
Kays, John R.....	Bellaire, Ohio
Kirchner, William.....	Hector, Pa.
Knauff, George.....	Mercer, Pa.
Knott, Edna.....	New Brighton, Pa.
Linn, Henrietta C.....	Scranton, Pa.
Linn, John.....	Bentleysville, Pa.
McAnnich, Gertrude.....	Lamartine, Pa.
McConnell, Dufferin.....	Wilkinsburg, Pa.
McConnell, Helen.....	Wilkinsburg, Pa.
McCord, W. D.....	Grove City, Pa.
McCurry, H. E.....	Franklin, Pa.
McKinney, R. E.....	New Galilee, Pa.
McLaughlin, Leola.....	Westville, Pa.
McMullen, Genevieve.....	Grove City, Pa.
McQuiston, Charles.....	Atlantic, Pa.
Maharg, John.....	Renfrew, Pa.
Martinson, Harriett.....	Ridgway, Pa.
Mehrten, Ruth.....	Knox, Pa.
Miller, C. S.....	Mercer, Pa.
Miller, Eugene.....	Slippery Rock, Pa.
Miller, Howard.....	Unity Station, Pa.
Miller, Margaret.....	Slippery Rock, Pa.
Mitchell, Florence.....	Wheatland, Pa.
Montgomery, Robert.....	Grove City, Pa.
Moon, George.....	Grove City, Pa.
Nason, L. E.....	Pleasantville, Pa.
Nicely, Edward.....	Kittanning, Pa.
O'Boyle, Leo J.....	Dunmore, Pa.
O'Hora, Joseph.....	Dunmore, Pa.
Ormond, Margaret.....	East Orange, N. J.
Patterson, Elizabeth.....	Connellsville, Pa.
Porter, William G.....	Grove City, Pa.
Powell, Edith.....	Philadelphia, Pa.
Purvis, Helen.....	Grove City, Pa.
Reither, William.....	Jackson Center, Pa.
Robertson, Mary.....	Cowansville, Pa.
Rosa, Pedro.....	Hatillo, Porto Rico.
Schaefer, Edna.....	Wexford, Pa.
Schaefer, Harriette.....	Wexford, Pa.
Schaumberg, Ludwig.....	Princeton, N. J.
Scott, Helen.....	Grove City, Pa.
Schannon, William.....	Fredonia, Pa.
Shoemaker, Milo.....	Beaver Falls, Pa.
Shoff, Lee.....	Tarentum, Pa.
Shorts, Consuelo.....	Polk, Pa.

Siar, M. Blanche.....	Brookville, Pa.
Slater, Thomas.....	Grove City, Pa.
Smith, C. S.....	Kennerdale, Pa.
Smith, Curtis .....	Hindman, Ky.
Smith, Robert A.....	Grove City, Pa.
Spargrove, George.....	Erie, Pa.
Spears, Havilah .....	Grove City, Pa.
Stalker, Orrin.....	Hilliard, Pa.
Starr, Carl.....	Renfrew, Pa.
Stiver, W. E.....	Juneau, Pa.
Stoops, Earl .....	West Sunbury, Pa.
Swearinger, Jennie.....	Hookstown, Pa.
Sweet, R. S.....	Instanter, Pa.
Tait, Karl.....	Mercer, Pa.
Thompson, Dorothy.....	South Heights, Pa.
Vance, Pressley .....	Grove City, Pa.
Walter, W. F.....	Export, Pa.
Waddell, James .....	Pleasantville, Pa.
Wedekind, Bahnie.....	Fowler, California.
Weisgerber, C. A.....	Clearfield, Pa.
Williard, George .....	Saltsburg, Pa.
Williams, Minnie.....	Scranton, Pa.
Wilson, Sara.....	Princeton, N. J.
Winters, Sallie.....	Allentown, Pa.
Yeager, Frank.....	Fredonia, Pa.
Yohe, Lloyd L.....	Monongahela, Pa.
Zahniser, Clarence.....	Mercer, Pa.

Total, 138; Men, 86; Women, 52.

### *Pedagogy Students, Summer Term, 1916*

Adams, Bertha .....	Transfer, Pa.
Adams, Esther .....	Sharpsville, Pa.
Adams, Grace.....	Connellsville, Pa.
Adams, Lila .....	Butler, Pa.
Allen, Mrs. Bertha.....	West Nanticoke, Pa.
Allison, Bessie.....	McDonald, Pa.
Alworth, Elizabeth.....	Parkers Landing
Anderson, Matilda.....	Espyville Station, Pa.
Anderson, Maude .....	Meadville, Pa.
Armstrong, Phoebe.....	Sandy Lake, Pa.
Atcheson, Marie.....	DuBois, Pa.
Babcock, Beulah.....	Oil City, Pa.
Bacon, Vivian .....	Waynesburg, Pa.
Bailey, Audrey .....	Eldersville, Pa.
Barnes, Mrs. Bertha.....	Warren, Pa.
Bauer, Jennie.....	Union City, Pa.
Beatty, Anetta .....	Franklin, Pa.
Bean, Marian .....	Greenville, Pa.
Beckdol, Elsie .....	Greenville, Pa.
Beckdol, Pearl .....	Greenville, Pa.
Beistel, Emma .....	Stahlstown, Pa.
Bell, Mary E.....	Grove City, Pa.

Berringer, Ina P.....	N. Braddock, Pa.
Beyer, Carrie.....	Ridgway, Pa.
Beyer, Lenore .....	Marion Center, Pa.
Bisbing, Ida.....	Scranton, Pa.
Black, Freda .....	Alexandria, Pa.
Bloom, Leah .....	Curwensville, Pa.
Bloom, Sara .....	Grampian, Pa.
Boggs, Rosalie .....	Monongahela, Pa.
Bolser, Ella .....	West Ridgewater, Pa.
Bonham, Gertrude .....	Cochranton, Pa.
Bonham, Louise .....	Franklin, Pa.
Bond, Helen .....	Washington, Pa.
Bonney, Zella .....	Ford City, Pa.
Botkin, Grace I.....	Ingram, Pa.
Botkin, Helen .....	Ingram, Pa.
Boyd, Olive .....	New Castle, Pa.
Boyer, May .....	Sharon, Pa.
Boyleston, Isabel .....	Bradford, Pa.
Bothwell, Lyda .....	Beaver Falls, Pa.
Bowers, Grace .....	Newberry, Pa.
Bowman, Elizabeth .....	DuBois, Pa.
Bradley, Mrs. F. L.....	Conneautville, Pa.
Bricker, Grace .....	Cabot, Pa.
Brosius, Henry .....	Summerville, Pa.
Brown, Jessie .....	Oakmont, Pa.
Bruner, Helen .....	Sandy Lake, Pa.
Buchanan, Mary.....	Washington, Pa.
Buckley, Jessie.....	Stoneboro, Pa.
Burchfield, Nell.....	DuBois, Pa.
Byhan, Mabel.....	New Lebanon, Pa.
Burry, Cora .....	New Brighton, Pa.
Butler, Myrtle .....	Johnstown, Pa.
Buton, Hazel .....	Ambridge, Pa.
Caldwell, Iva.....	Hadley, Pa.
Callahan, Ethel .....	Kennard, Pa.
Cameron, Fannie.....	Hookstown, Pa.
Campbell, Amanda.....	Armagh, Pa.
Campbell, Bess B.....	Grove City, Pa.
Carson, Eliza M.....	Sharpsburg, Pa.
Carson, Mary .....	Sharpsburg, Pa.
Carll, Laura .....	Seneca, Pa.
Carr, Nola .....	Uniontown, Pa.
Caughey, Martha .....	McKeesport, Pa.
Carter, Zoe V.....	West Findley, Pa.
Capella, Martha .....	Brockport, Pa.
Cassidy, Pearl.....	Hanlin Station, Pa.
Christie, Hazel .....	Oil City, Pa.
Christie, Mary F.....	Uniontown, Pa.
Christophel, Mary.....	Scranton, Pa.
Clark, Clara .....	Darlington, Pa.
Close, Grace .....	Mt. Pleasant, Pa.
Clewer, Maude.....	McKeesport, Pa.
Collins, Hester .....	Uniontown, Pa.

Collins, Ruth.....	Uniontown, Pa.
Colton, Ethyl .....	Carlton, Pa.
Conrad, Mary.....	Burgettstown, Pa.
Cook, Dora .....	Greenville, Pa.
Cook, Martha .....	West Hickory, Pa.
Cooper Armenia .....	New Brighton, Pa.
Corcoran, Martin .....	Plains, Pa.
Cort, Helen .....	Latrobe, Pa.
Cossell, Anna .....	Adelaide, Pa.
Courtney, Lucile .....	Mercer, Pa.
Coulter, Ruth .....	Hadley, Pa.
Cover, Grace .....	Johnstown, Pa.
Coyle, Elsie .....	Johnstown, Pa.
Comer, Lou.....	Monongahela, Pa.
Craig, Florence .....	Kersey, Pa.
Crawford, Florence.....	Altoona, Pa.
Crawford, Juanita.....	Wheatland, Pa.
Crawford, Lida .....	New Florence, Pa.
Croyle, Ethel .....	Shelocta, Pa.
Cron, J. A.....	Transfer, Pa.
Cruthers, Edna G.....	McKeesport, Pa.
Culler, C. D.....	Johnstown, Pa.
Cummings, Laura .....	Grove City, Pa.
Currier, Lottie .....	Sandy Lake, Pa.
Currier, Lyda J.....	Sandy Lake, Pa.
Curry, Bertha .....	Hanlin Station, Pa.
Dagg, Marguerite .....	Washington, Pa.
Davis, Margaret .....	Ebensburg, Pa.
Davis, Rachel .....	Mercer, Pa.
Davenport, Melda.....	New Castle, Pa.
Davidson, Edna L.....	Rea, Pa.
Davidson, Jean.....	Spangler, Pa.
Davidson, Ruth .....	Connellsville, Pa.
Decker, Bessie .....	South Fork, Pa.
Decker, Mae .....	McKeesport, Pa.
DeFrehn, Effie .....	Johnstown, Pa.
DeHass, Helen .....	Benezette, Pa.
DePew, Ethelyn .....	Nicholson, Pa.
Derby, Errol .....	Seranton, Pa.
Deter, Maude.....	Reynoldsville, Pa.
DeVore, Florence .....	Meadville, Pa.
DeWitt, Blanche .....	Midway, Pa.
Dible, Eletha .....	Grove City, Pa.
Dickinson, Sarah .....	Sharpsville, Pa.
Dillinger, James.....	Sharpsville, Pa.
Dixon, Mollie .....	Uniontown, Pa.
Dixon, Naomi.....	Johnstown, Pa.
Dockman, Anna E.....	New Castle, Pa.
Dollinger, Tillie.....	Kersey, Pa.
Donaldson, Isabel.....	New Brighton, Pa.
Donaldson, Jessie .....	Washington, Pa.
Doolittle, Margaret .....	Girard, Pa.
Drexler, Thresa .....	Washington, Pa.



Drury, Mary .....	Girard, Pa.
Dreyer, Esther.....	Charleroi, Pa.
Duddy, Michael J.....	Plains, Pa.
Dunstan, Lavina.....	McKeesport, Pa.
Dye, Gladys.....	Sandy Lake, Pa.
Eiseman, Florence.....	Hallton, Pa.
Ellis, Alberta .....	New Brighton, Pa.
Emery, Kathreen .....	Mercer, Pa.
Eshbaugh, Gladys .....	Kushequa, Pa.
Eshelman, Almyra .....	Franklin, Pa.
Evans, Harriett .....	Benezette, Pa.
Ewing, L. L.....	Washington, Pa.
Faith, Bertha.....	Scottdale, Pa.
Faust, J. E.....	Champion, Pa.
Fennell, Mae.....	Latrobe, Pa.
Fike, Bertha .....	Uniontown, Pa.
Fiscus, Margaret.....	Sigel, Pa.
Fitzgerald, Earl .....	Mercer, Pa.
Florin, Lunette .....	Johnsonburg, Pa.
Frankenberry, Stella .....	Smithfield, Pa.
Free, Ora .....	Hadley, Pa.
Fries, Mary.....	Claysburg, Pa.
Frisbee, Fern .....	Tidioute, Pa.
Fry, Mabel.....	Jamestown, Pa.
Fuhrer, Dora .....	Ridgeway, Pa.
Gallagher, James .....	Valencia, Pa.
Gallagher, Julia.....	Braddock, Pa.
Garrett, Veronica.....	DuBois, Pa.
Garvey, Katherine.....	Anita, Pa.
Gates, William.....	Emlenton, Pa.
Gerard, Shirley.....	Blairsville, Pa.
Gildea, Mary .....	Luzerne, Pa.
Gilliland, Caroline.....	West Middlesex, Pa.
Gilmore, Blanche .....	West Bridgewater, Pa.
Ginn, Jennie .....	McKeesport, Pa.
Glenn, Janet.....	West Sunbury, Pa.
Glenn, Lotta .....	New Castle, Pa.
Gold, Jessie .....	New Castle, Pa.
Gorman, Ethel .....	Johnsonburg, Pa.
Graham, Dorothy .....	Worthville, Pa.
Graham, J. C.....	Guy's Mills, Pa.
Graham, N. Blanche.....	Curwensville, Pa.
Graham, Samuel.....	Worthville, Pa.
Gray, Lillian L.....	Amity, Pa.
Gray, Mary.....	Tidioute, Pa.
Greene, Esther .....	Connellsville, Pa.
Grimshaw, Mary.....	New Brighton, Pa.
Grove Helen .....	Oil City, Pa.
Gruver, Florence .....	Nescopeck, Pa.
Gwilym, Gladys .....	Lansford, Pa.
Hall, Edith.....	Kinsman, Ohio.
Hall, Maude.....	Punxsutawney, Pa.
Haniwalt, Audine .....	Van, Pa.



Hardy, Mabel.....	Beaver Falls, Pa.
Harkins, Mary .....	Wilmore, Pa.
Harkins, William D.....	Waynesburg, Pa.
Harris, Herbert .....	Rathmel, Pa.
Hart, Mary.....	Connellsville, Pa.
Harvey, Bertha.....	Ebensburg, Pa.
Haviland, Lucinda.....	Johnstown, Pa.
Hawthorne, Mabel.....	New Brighton, Pa.
Hay, Ella .....	Saxonburg, Pa.
Hay, Mary .....	Johnstown, Pa.
Hayes, Braden .....	Scottsdale, Pa.
Hazen, Bessie .....	Greenville, Pa.
Heckard, Edith .....	Franklin, Pa.
Heckathorne, Grace .....	Hookstown, Pa.
Hedges, Elma .....	Seward, Pa.
Hedges, Sara .....	Seward, Pa.
Heffner, Violet.....	Reynoldsville, Pa.
Herring, Ada .....	Linesville, Pa.
Hess, Florence.....	North Girard, Pa.
Hess, Henrietta.....	Girard, Pa.
Hicks, Georgina.....	Renfrew, Pa.
Hilliard, Elizaebth.....	W. Sunbury, Pa.
Hilliard, Eva.....	W. Sunbury, Pa.
Hilliard, Hazel.....	W. Sunbury, Pa.
Hilliard, Nancy.....	W. Sunbury, Pa.
Hilliard, Pearl.....	New Castle, Pa.
Hindmarsh, Isabel.....	Fayette City, Pa.
Hodge, Florence.....	Jackson Center, Pa.
Hodge, Pearl.....	Grove City, Pa.
Hoey, Rose .....	Leisenring, Pa.
Holmes, Sadie.....	Eighty-four, Pa.
Hooks, Bessie .....	Mosgrove, Pa.
Horner, Eleanor.....	Connellsville, Pa.
Horning, Mary.....	DuBois, Pa.
Houlette, Elda .....	New Castle, Pa.
Houser, Edna .....	Altoona, Pa.
Howell, Winnie .....	Franklin, Pa.
Howland, Katherine .....	Edinboro, Pa.
Huey, Mary.....	Jackson Center, Pa.
Huffman, Olive.....	Mt. Pleasant, Pa.
Hughes, Margaret .....	Jamestown, Pa.
Inman, Flora.....	Union City, Pa.
Irwin, Mabel .....	Grove City, Pa.
Irwin, Margaret .....	Washington, Pa.
Jeffries, George .....	New Salem, Pa.
Johnson, Hattie .....	Mahaffey, Pa.
Johnston, Freda.....	Corsica, Pa.
Johnston, Marguerite.....	Washington, Pa.
Johnston, Mary .....	Jeddo, Pa.
Johns, Sarah .....	Starford, Pa.
Jones, Agnes .....	Johnsonburg, Pa.
Jones, Herbert .....	Jackson Center, Pa.
Jones, Margaret .....	Johnstown, Pa.

Jones, Lula .....	McDonald, Pa.
Jones, Sara .....	Polk, Pa.
Judd, Clayton C. ....	Harrison Valley
Kane, Bridget .....	Sugar Notch, Pa.
Kane, Margaret .....	Everson, Pa.
Karney, Ella Mae .....	Shadeland, Pa.
Kearney, Carrie .....	Brockwayville, Pa.
Kellow, Maude .....	Scranton, Pa.
Kern, Julia .....	Mill Run, Pa.
Kingan, Olive .....	Valencia, Pa.
King, Janie .....	Bulger, Pa.
King, Olive .....	Curwensville, Pa.
Kinley, Forrest .....	Portland Mills, Pa.
Kinney, Anna .....	Hazelton, Pa.
Kirkpatrick, Leila .....	Monongahela City, Pa.
Kiser, Evaline .....	Tionesta, Pa.
Kistner, Corrine .....	McKeesport, Pa.
Koofer, Grayce .....	Pittsburgh, Pa.
Knarr, Malinda .....	DuBois, Pa.
Kramer, Alice .....	Clearfield, Pa.
Kuhl, Gertrude .....	McKeesport, Pa.
Lanich, Belva .....	Penfield, Pa.
Lawhead, Alice .....	Clearfield, Pa.
LaVelle, Mary .....	Shamokin, Pa.
Laving, Esther .....	Johnsonburg, Pa.
Lawson, Ida .....	Corry, Pa.
Lazarus, Margaret .....	Rochester, Pa.
Lees, Flemming .....	Expedite, Pa.
Lehman, Jessie .....	Johnstown, Pa.
Lemmon, Edna .....	Mt. Pleasant, Pa.
Leidy, Clara .....	Conemaugh, Pa.
Leipheimer, Grace .....	Mercer, Pa.
Lewis, Annabelle .....	Weedville, Pa.
Lewis, Edna .....	Punxsutawney, Pa.
Lewis, Edna .....	Reynoldsville, Pa.
Linn, Henrietta .....	Scranton, Pa.
Linn, W. H. ....	Mariana, Pa.
Liggett, Letitia .....	New Florence, Pa.
Lockhart, Lillian .....	DuBois, Pa.
Long, Clara .....	Phillipsburg, Pa.
Long, Goldie .....	Glen Campbell.
Longwell, Jane .....	Johnstown, Pa.
Lunger, Edna .....	Mars, Pa.
Lytle, Hazel .....	Kinzua, Pa.
McBride, Edward .....	Edinboro, Pa.
McBurney, Flota .....	Slippery Rock, Pa.
McGarey, Pearl .....	Grove City, Pa.
McCoy, Anna .....	Washington, Pa.
McCain, Grace .....	Butler, Pa.
McCampbell, Alice .....	Atlantic, Pa.
McCandless, Belle .....	Butler, Pa.
McCandless, Blanche .....	Euclid, Pa.
McCandless, Mary .....	Prospect, Pa.

McClelland, Helen.....	Mercer, Pa.
McClimans, Hazel .....	Greenville, Pa.
McCloskey, Elizabeth.....	Lemont Furnace, Pa.
McClure, Georgine.....	Jackson Center, Pa.
McCracken, Edna .....	Clearfield, Pa.
McDaniel, Asenath .....	Raymilton, Pa.
McElhaney, Izetta.....	Dunbar, Pa.
McGinnis, James .....	Latimer Mines, Pa.
McKay, Henrietta .....	Westville, Pa.
McKinley, Hazel.....	Franklin, Pa.
McKinney, Bertha.....	Wilkes-Barre, Pa.
McLaughlin, Irene.....	Westville, Pa.
McLaughlin, Leola.....	Westville, Pa.
McLinden, Agnes.....	Monongahela, Pa.
McMahan, Marie.....	Parkers Landing, Pa.
McMichael, June.....	McKeesport, Pa.
McMullen, Adelaide.....	McKeesport, Pa.
McNellis, Ivah.....	Lloydell, Pa.
MacRoberts, May.....	New Kensington, Pa.
Mack, Frank.....	Wehrum, Pa.
Mackie, Grayce.....	Glen Ritchey, Pa.
Mahan, Dora.....	Ebensburg, Pa.
Malloy, Anna.....	Connellsville, Pa.
Maloney, Margaret .....	Johnsonburg, Pa.
Mansfield, Zola.....	Sykesville, Pa.
Marsh, Theresa .....	Corydon, Pa.
Mateer, Margaret.....	Mosgrove, Pa.
Maurer, Cora.....	Keewaydin, Pa.
Mayer, Rhoda.....	Mifflintown, Pa.
Means, Estella.....	Washington, Pa.
Means, Mabel .....	Huntingdon, Pa.
Meyer, Anna .....	St. Mary's, Pa.
Miller, Edythe .....	Greenville, Pa.
Miller, Emma.....	Gencoe, Pa.
Miller, Grace.....	Kelly Station, Pa.
Miller, Inez.....	Greenville, Pa.
Miller, Lillian.....	Grampian, Pa.
Miller, Sarah.....	Sharpsville, Pa.
Miller, Sara .....	Johnstown, Pa.
Mitchell, Daisy.....	Mahaffey, Pa.
Monroe, Sadie .....	DuBois, Pa.
Moses, Sara .....	Johnstown, Pa.
Moreland, Lily.....	Jamestown, Pa.
Morgan, Elizabeth.....	Hookstown, Pa.
Morris, Mae E.....	Luzerne, Pa.
Morris, Orie.....	Butler, Pa.
Mortland, Bessie .....	Murdocksville, Pa.
Morton, Edith .....	Connellsville, Pa.
Mountain, J. V.....	Mill Run, Pa.
Mullen, Agnes.....	Latrobe, Pa.
Mullen, Rose .....	Portage, Pa.
Nease, Grace.....	Washington, Pa.
Neill, Edna .....	Canonsburg, Pa.

Newbold, Olive.....	Frostburg, Pa.
Nicholson, Mary .....	Carnegie, Pa.
North, Eleanor .....	Mercer, Pa.
Noble, Nellie .....	Jackson Center, Pa.
Obenchain, Elizabeth.....	Greenville, Pa.
Ogden, Della .....	Clearfield, Pa.
Ogden, Helen.....	Clearfield, Pa.
Olson, Orpha .....	Wilcox, Pa.
Orndoff, Hazel .....	Rodgersville, Pa.
Osgood, Ethel.....	Butler, Pa.
Osten, Hazel .....	West Hickory, Pa.
Overturf, Sylvia.....	Benezette, Pa.
Owens, Wilma .....	Pittsburgh, Pa.
Packer, Geneva.....	McKeesport, Pa.
Page, Charlotte.....	Mt. Pleasant, Pa.
Parks, Lillie.....	Johnstown, Pa.
Parrish, Laura .....	Ebensburg, Pa.
Parrish, Viola.....	Ebensburg, Pa.
Patterson, Mary.....	Washington, Pa.
Patterson, Merle .....	Beaver Falls, Pa.
Paul, Bertha C.....	Johnstown, Pa.
Payton, Eugene .....	Dunmore, Pa.
Peacock, Gertrude .....	Marianna, Pa.
Pebley, Rose .....	Johnstown, Pa.
Peck, Nina Belle.....	Somerset, Pa.
Penberthy, Nancy.....	Uniontown, Pa.
Perrine, Hazel .....	Emlenton, Pa.
Peterman, Martha.....	Cochran, Pa.
Peters, Charles .....	Juniata, Pa.
Peters, Julia .....	Eidenau, Pa.
Peterson, Ruth .....	Ligonier, Pa.
Peterson, Ruth .....	Morrisdale, Pa.
Phillipi, Maude .....	Sykesville, Pa.
Phillips, Jean .....	Clintonville, Pa.
Pieper, Nelle.....	Charleroi, Pa.
Pires, Mrs. Lenore.....	Fostoria, Ohio.
Plotner, Hazel .....	Munderf, Pa.
Polley, Evelyn .....	Transfer, Pa.
Porter, Bessie .....	Mercer, Pa.
Postlethwait, Ella .....	Punxsutawney, Pa.
Prosser, Alice .....	Franklin, Pa.
Parucker, Almyra .....	Springboro, Pa.
Queen, Sara .....	East Brady, Pa.
Ralston, Evalyn .....	Euclid, Pa.
Ralston, Lula.....	Rochester, Pa.
Rathfon, Mary.....	Bradford, Pa.
Renfrew, Edna.....	Butler, Pa.
Renninger, Lottie .....	Franklin, Pa.
Robbins, Gladys .....	Ulysses, Pa.
Roberts, Gertrude .....	Nanty Glo, Pa.
Rodgers, Edith.....	Jamestown, Pa.
Rodgers, Fayette.....	Reynoldsville, Pa.
Rodgers, Lillian .....	Pittsburgh, Pa.

Romeo, Rose .....	Crenshaw, Pa.
Rose, Margaret .....	North Girard, Pa.
Rose, Mary L. ....	Saltsburg, Pa.
Ross, Bessie .....	<b>McKeesport, Pa.</b>
Ross, Estella .....	Falls Creek, Pa.
Ross, Grace .....	Falls Creek, Pa.
Rowland, Clara .....	Brush Valley, Pa.
Russell, Ethel .....	Guys Mills, Pa.
Salsgiver, Claude .....	Hortons, Pa.
Sanders, Louise .....	Monongahela, Pa.
Sandles, Jeanne .....	Southville, Pa.
Saunders, Florence .....	Irwin, Pa.
Saxman, Mabel .....	Latrobe, Pa.
Sayers, Mae .....	Cranberry, Pa.
Schorr, Frances .....	Curwensville, Pa.
Schrot, Emma .....	Clearfield, Pa.
Schrot, Mary .....	Clearfield, Pa.
Schuler, Edith .....	Corydon, Pa.
Shaffer, Bessie .....	Emporium, Pa.
Shaffer, Grace .....	Mercer, Pa.
Shakley, W. Floyd .....	Evans City, Pa.
Shaw, Ruth .....	Albion, Pa.
Shearer, Ethel .....	Livermore, Pa.
Sherman, Mabelle .....	Kane, Pa.
Shields, Cleone .....	Marchand, Pa.
Shober, Iva .....	Garrett, Pa.
Showers, Lillian .....	Greenville, Pa.
Showers, Ruth .....	Pittsville, Pa.
Shouffler, Mary .....	Fayette City, Pa.
Siar, M. M. ....	Summerville, Pa.
Skehan, Nellie .....	Williamsport, Pa.
Slater, Hollis .....	Grove City, Pa.
Sloan, Ora .....	Rural Valley, Pa.
Smith, Angie .....	Emlenton, Pa.
Smith, Boyd .....	Clintonville, Pa.
Smith, Claribel .....	Corsica, Pa.
Smith, Dillie .....	Emlenton, Pa.
Smith, Edith .....	Carrolton, Pa.
Smith, Inez .....	Kennerdell, Pa.
Smith, Mildred .....	Newberry, Pa.
Smith, Minnie .....	Falls Creek, Pa.
Snyder, Edna .....	Benton, Pa.
Solomon, Nellie .....	Carbondale, Pa.
Solomon, Verda .....	Indian Head, Pa.
Songer, Alice .....	Brookville, Pa.
Sourwine, Zetta .....	Creekside, Pa.
Spory, Mrs. Malinda .....	Mercer, Pa.
Stagner, Eva .....	Mahaffey, Pa.
Steffey, Bernetta .....	Livermore, Pa.
Stamm, E. J. ....	Greenville, Pa.
Stevenson, Janet .....	Mt. Jewett, Pa.
Stewart, Rebecca .....	Greenville, Pa.
Stoneman, Elizabeth .....	West Newton, Pa.



Strouse, Nina .....	Murdocksville, Pa.
Stuchel, Anna .....	Dayton, Pa.
Stumm, Edwina .....	Connellsville, Pa.
Summerville, Adella .....	Brookville, Pa.
Sutton, Leafy .....	Bruin, Pa.
Sutton, Ruth .....	Chicora, Pa.
Swearinger, Jennie .....	Hookstown, Pa.
Sweeney, Claire .....	Punxsutawney, Pa.
Sweet, Mrs. Blanche .....	Raymond, Pa.
Tait, Marie .....	Mercer, Pa.
Thatcher, Bessie .....	Oswayo, Pa.
Thomas, Mrs. Anna .....	Pittsburgh, Pa.
Thompson, Amanda .....	New Alexandria, Pa.
Thompson, Rebecca .....	New Alexandria, Pa.
Thompson, Martha .....	Conneautville, Pa.
Thompson, Floy .....	Euclid, Pa.
Troutman, Cleo .....	Sharpsville, Pa.
Truby, Harrena .....	Leechburg, Pa.
Turner, Anita .....	Connellsville, Pa.
Tuttle, Harriett .....	Benezette, Pa.
Varner, Emma .....	Johnstown, Pa.
Varner, Iva .....	Johnstown, Pa.
Waldron, Florence .....	Sandy Lake, Pa.
Walker, Alice .....	Punxsutawney, Pa.
Walker, Alma .....	Somerset, Pa.
Walker, Henrietta .....	Johnsonburg, Pa.
Wallace, Paul .....	New Florence, Pa.
Waters, Catherine .....	Sandy Lake, Pa.
Wagh, Anna .....	Washington, Pa.
Weaver, Celeste .....	Worthington, Pa.
Wells, Adelaide .....	Hallton, Pa.
Wells, LeRoy .....	Hallton, Pa.
Welsh, Emma Kate .....	Dawson, Pa.
Welsh, Florence .....	Dawson, Pa.
Wertz, Elda .....	Johnstown, Pa.
West, R. B. ....	Tyrone, Pa.
Weston, Pearl .....	Carnegie, Pa.
Whipple, Sylvia .....	Edinboro, Pa.
White, Mabel .....	Connellsville, Pa.
White, Myrtle .....	Connellsville, Pa.
Whitehead, Madolene .....	DuBois, Pa.
Whiteman, Lyda .....	Claridge, Pa.
Whitling, Florence .....	Sandy Lake, Pa.
Wick, Hazel .....	Euclid, Pa.
Williams, Alverda .....	Johnstown, Pa.
Williams, Frances .....	Smithfield, Pa.
Williams, Jennie .....	Smithfield, Pa.
Williams, Maude .....	Pittsburgh, Pa.
Williams, Mildred .....	Cochranon, Pa.
Williams, Rhea .....	Eldred, Pa.
Wilson, Carrie .....	New Castle, Pa.
Wilson, Margaret .....	West Sunbury, Pa.
Wilson, Mary E. ....	Ebensburg, Pa.



Wilson, Mary L.....	Johnstown, Pa.
Wilson, Naomi.....	Monessen, Pa.
Wilson, Wynona .....	Corsica, Pa.
Wilton, Jane .....	Pittsburgh, Pa.
Winslow, Harold.....	Brockport, Pa.
Winslow, Harry .....	Brockport, Pa.
Wise, Sarah .....	Marianna, Pa.
Wittman, Cecelia.....	St. Marys, Pa.
Woodmaney, Guy.....	Eldred, Pa.
Woods, Anna.....	Pennsville, Pa.
Woodside, Letitia .....	Wallaceton, Pa.
Woodard, Jessie .....	Linesville, Pa.
Wright, Katherine .....	West Springfield, Pa.
Wuller, Marjorie.....	Butler, Pa.
Wynne, Jessie .....	Franklin, Pa.
Zane, Almyra.....	East Conemaugh, Pa.
Zipf, Irma.....	Johnstown, Pa.

Total, 515; 37 Men; 478 Women.

# CONSERVATORY OF MUSIC

## Post Graduates

### Piano

Kerr, Ora .....Grove City, Pa.

## Graduates (full course students)

### Vocal course for ability as church soloist

Hosick, Gertrude.....Grove City, Pa.

## Piano Teachers Course

### Teaching beginning grade

Slater, Georgia.....Grove City, Pa.

### Teaching beginning and middle grade

Hunsberger, Edna .....Barkeyville, Pa.

McKee, Eleanor.....Baldwin, Pa.

Russell, Julia.....Fredonia, Pa.

## Undergraduates

### Piano

Beighlea, Twila .....Grove City, Pa.

Botkin, Helen.....Ingram, Pa.

Clark, Harold J.....West Middlesex, Pa.

Eisaman, Gertrude.....Latrobe, Pa.

Filer, Ruth.....Grove City, Pa.

Graham, R. W.....Grove City, Pa.

Galbraith, Ethel .....S. Oil City, Pa.

Harmon, Florence.....DuBois, Pa.

Heile, Roland .....Transfer, Pa.

Henderson, Mary.....Glen Ritchie, Pa.

Hovis, Ada.....Wesley, Pa.

Herriott, Laura.....Sharpsville, Pa.

Hoover, Horace.....Mechanicsville, N. Y.

Koofor, Grace.....Pittsburgh, Pa.

Livingwood, Fred .....Farrell, Pa.

Luse, Edith.....Sharon, Pa.

Lusk, Elizabeth.....Butler, Pa.

Love, Mary.....Center, Pa.

McAninch, Gertrude.....Lamartine, Pa.

McKinney, Hazel.....Grove City, Pa.

McNeese, Elizabeth.....North Washington, Pa.

McNutt, Viva .....Vandergrift, Pa.

Monore, Lois.....Grove City, Pa.

Miller, Ruth Irene.....Clintonville, Pa.

Martinson, Harriet.....	Ridgway, Pa.
Nelson, Lucile.....	Grove City, Pa.
Perringer, Verle .....	Euclid, Pa.
Phipps, Artie.....	Emlenton, Pa.
Perrine, Dorothy.....	Butler, Pa.
Phillips, Jean.....	Clintonville, Pa.
Reed, Ethel.....	Grove City, Pa.
Rhea, Grace.....	Callensburg, Pa.
Robertson, Mary.....	Cowansville, Pa.
Scott, Helen.....	Grove City, Pa.
Shaffer, Opal.....	South Oil City
Sammons, Mabelle.....	Erie, Pa.
Smith, Inez.....	Kennerdell, Pa.
Stevenson, Janet.....	Mt. Jewett, Pa.
Stam, E. J.....	Greenville, Pa.
Thompson, Jessie.....	Grove City, Pa.
Thompson, Dorothy.....	South Heights, Pa.
Tidball, Irene.....	Denver, Colorado
Tait, Karl.....	Mercer, Pa.
Wadsworth, Hazel.....	Grove City, Pa.
Weaver, Lois.....	Fredonia, Pa.
Weaver, Anna .....	Kinzua, Pa.
Wick, Alma.....	Chicora, Pa.
Williamson, Eliazbeth.....	Bellevue, Pa.
Wilson, Della May.....	Mercer, Pa.
Wenzel, Hilda.....	Homestead, Pa.
Whitehead, Madolene.....	DuBois, Pa.
Total, 51; Men, 7; Women, 44.	

### Vocal

Bogue, Marie.....	Erie, Pa.
Drexler, Thresa .....	Washington, Pa.
Dixon, Mollic .....	Uniontown, Pa.
Graham, R. W.....	Grove City, Pa.
Heile, Roland.....	Transfer, Pa.
Hill, Robert.....	Grove City, Pa.
Helsman, F. B.....	Bernice, Pa.
Love, Mary.....	Center, Pa.
McCandless, B.....	Butler, Pa.
Miller, Ruth I.....	Clintonville, Pa.
Miller, M. ....	
Rhea, Grace.....	Callensburg, Pa.
Sammons, Mabelle .....	Erie, Pa.
Smith, Inez.....	Kennerdell, Pa.
Smith, Byrde .....	Clintonville, Pa.
Sloan, Ora .....	Rural Valley, Pa.
Siar, M. Blanche.....	Brookville, Pa.
Tidball, Irene .....	Denver, Colorado.
Wick, Alma .....	Chicora, Pa.
Wiley, Howard G.....	Grove City, Pa.
Wilson Elizabeth .....	Kittanning, Pa.
Whitehead, Madolene .....	DuBois, Pa.
Welch, Emma .....	Dawson, Pa.

*Violin*

Bovard, E.....	Keister, Pa.
Duncan, M.....	Mercer, Pa.
Glasgow, George.....	Vandergrift, Pa.
Hoben, J. Albro.....	Dunmore, Pa.
Lane, J. E.....	Anandale, Pa.
McCoy, L.....	Grove City, Pa.
McKay, R.....	Grove City, Pa.
Pearson, J.....	Grove City, Pa.
Pires, M.....	Fostoria, Ohio.
Porter, L.....	Harrisville, Pa.
Rhodes, W.....	Grove City, Pa.
Robinson, W.....	Grove City, Pa.
Teare, M.....	Grove City, Pa.

*Organ*

McCandless, B.....	Butler, Pa.
Perrine, Dorothy .....	Butler, Pa.

*Harmony*

Beighlea, Twila .....	Grove City, Pa.
Filer, Ruth .....	Grove City, Pa.
Hach, Pearle.....	Shippenville, Pa.
Hoover, Horace .....	Mechanicville, N. Y.
Livingwood, Fred.....	Farrell, Pa.
Luse, Edith .....	Sharon, Pa.
McKinney, Hazel.....	Grove City, Pa.
Meyers, Anna .....	St. Marys.
Nelson, Lucile .....	Grove City, Pa.
Perringer, Verle .....	Euclid, Pa.
Reed, Ethel .....	Grove City, Pa.
Sammons, Mabelle.....	Erie, Pa.
Tidball, Irene .....	Denver, Colorado.
Wadsworth, Hazel.....	Grove City, Pa.
Wilson, Elizabeth.....	Kittanning, Pa.
Wenzel, Hilda .....	Homestead, Pa.
Schaffer, E. M.....	Grove City, Pa.
Thompson, Jessie .....	Grove City, Pa.
Thompson, Dorothy .....	South Heights, Pa.

*Elements of Music*

Galbraith, Ethel .....	South Oil City, Pa.
Harmon, Florence .....	DuBois, Pa.
Henderson, Mary.....	Glen Ritchie, Pa.
Hach, Pearle .....	Shippenville, Pa.
Lusk, Elizabeth .....	Butler, Pa.
Miller, Ruth Irene.....	Clintonville, Pa.
Phipps, Artie.....	Emlenton, Pa.
Reed, Ethel .....	Grove City, Pa.
Sammons, Mabelle.....	Erie, Pa.
Tidball, Irene .....	Denver, Colorado.
Thompson, Dorothy.....	South Heights, Pa.
Weaver, Lois .....	Fredonia, Pa.

*Teachers Instruction*

Beighlea, Twila .....	Grove City, Pa.
Filer, Ruth .....	Grove City, Pa.
Luse, Edith .....	Sharon, Pa.
Nelson, Lucile .....	Grove City, Pa.
Perringer, Verle .....	Euclid, Pa.
Tidball, Irene .....	Denver, Colorado.
Thompson, Jessie .....	Grove City, Pa.
Wenzell, Hilda .....	Homestead, Pa.
Wadsworth, Hazel .....	Grove City, Pa.

*Model Department*

Bowden, B. ....	Grove City, Pa.
Christy, F. ....	Grove City, Pa.
Emery, J. ....	Grove City, Pa.
Faul, E. ....	Grove City, Pa.
Gills, H. ....	Grove City, Pa.
Harmon, R. ....	Grove City, Pa.
Harmon, A. ....	Grove City, Pa.
Hogue, G. ....	Grove City, Pa.
Kramer, D. ....	Grove City, Pa.
Kingen, J. ....	Grove City, Pa.
Montgomery, M. ....	Grove City, Pa.
McCoy, R. ....	Grove City, Pa.
McKay, R. ....	Grove City, Pa.
Perrine, F. ....	Grove City, Pa.
Smith, L. ....	Grove City, Pa.
Uber A. ....	Grove City, Pa.
Uber, J. ....	Grove City, Pa.

Total, 17.

*Graduates in Commercial*

Alexander, Clarence .....	Franklin, Pa.
Baker, Mabel .....	Grove City, Pa.
Heile, Roland .....	Transfer, Pa.
Hovis, Ada .....	Wesley, Pa.
Kelly, L. D. ....	Bruin, Pa.
Love, Robert .....	Mercer, Pa.
Robins, Raymond .....	Grove City, Pa.
Smith, H. F. ....	Grove City, Pa.
Trevitt, R. D. ....	Sandy Lake, Pa.
Wilson, W. F. ....	Grove City, Pa.
Total, 10; Men, 8; Women, 2.	

*Commercial*

Albright, R. B. ....	Mononaghela, Pa.
Allen, W. H. ....	Grove City, Pa.
Barnes, Kenneth .....	Harrisville, Pa.
Black, John .....	Grove City, Pa.
Covert, C. S. ....	Grove City, Pa.
Fredley, H. E. ....	Butler, Pa.
Herriott, Laura .....	Sharpsville, Pa.
Hotaling, Lourene .....	Knox, Pa.
Kerr, R. R. ....	Nebraska, Pa.
Limber, Ross .....	Jackson Center, Pa.
McNutt, Viva .....	Vandergrift, Pa.
Manley, D. L. ....	Riedsburg, Pa.
Payton, Eugene .....	Dunmore, Pa.
Redmond, Samuel .....	Mercer, Pa.
Ruland, Myrtle .....	Bear Lake, Pa.
Total, 15; Men, 11; Women, 4.	

*Stenography*

Baker, Mabel .....	Grove City.
Barnes, Kenneth .....	Harrisville.
Hindman, Edna .....	Grove City.
Kelly, L. Dayne .....	Bruin.
Leslie, Edith .....	Arnold.
McNutt, Viva .....	Vandergrift.
Manley, D. L. ....	Riedsburg.
Mitchell, Frances .....	Butler.
Payton, Eugene .....	Dunmore.
Robins, Ramon .....	Grove City.
Spears, Havilah .....	Grove City.
Total, 11; Men, 5; Women, 6.	

*Typewriting*

Baker, H. K. ....	Hindman, Ky.
Baker, Mabel .....	Grove City.
Black, John .....	Harrisville.



Barnes, Kenneth .....	Grove City.
Herriott, Laura .....	Sharpsville.
Hindman, Edna .....	Grove City.
Hotaling, Laurene .....	Knox.
Hovis, Ada .....	Welsey.
Jack, Esther .....	Vandergrift.
Kelly, L. Dayne.....	Bruin.
Leslie, Edith.....	Arnold.
Limber, Ross.....	Jackson Center.
McNutt, Viva .....	Vandergrift
Manley, D. L.....	Riedsburg.
Metzger, Ethel.....	Shippenville.
Mitchell, Frances .....	Butler.
Payton, Eugene .....	Dunmore.
Reed, Ramona .....	DuBois.
Robins, Ramon.....	Grove City.
Ruland, Myrtle .....	Bear Lake.
Spears, Havilah.....	Grove City.
Wiley, Howard.....	New Middleton, Ohio.
Total, 22; 9 Men; 13 Women.	

### Art

Chamberlain, Helen.....	Grove City, Pa.
Craig, Edna.....	Grove City, Pa.
Deal, Marian .....	Grove City, Pa.
Guthrie, Mrs. John H.....	Grove City, Pa.
Hosack, Ora.....	Grove City, Pa.
McDowell, Walter .....	Grove City, Pa.
Mehrten, Ruth .....	Knox, Pa.
Montgomery, Elizabeth.....	Grove City, Pa.
Nichols, Carolyn.....	Vandergrift, Pa.
Turner, Elizabeth.....	Grove City, Pa.
Total, 10; Men, 1; Women, 9.	

# SUMMARY

## Collegiate Department

	Men	Women	Total
Graduates, June, 1916.....	35	24	59
Post Graduates .....	15	1	16
Seniors .....	18	13	31
Qualifying Seniors .....	15	11	26
Juniors .....	21	22	43
Sophomores .....	46	27	73
Freshmen .....	67	51	118
Conditional Freshmen .....	20	7	27
Preparatory and Speical.....	86	52	138

## Pedagogy Department

Pedagogy .....	37	478	515
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## Music Department

Post Graduates .....		1	1
Graduates .....		5	5

## Undergraduates.

Piano .....	7	44	51
Vocal .....	5	18	23
Violin .....	7	6	13
Harmony .....	3	16	19
Elements of Music.....		12	12
Teachers' Instruction.....		9	9
Model Pupils .....	5	12	17

## Commercial Department

Graduates .....	8	2	10
Under Graduates .....	11	4	15

## Stenography

Graduates .....		3	3
Under Graduates .....	5	3	8

## Typewriting

Graduates .....		3	3
Under Graduates .....	9	10	19

## Art

Graduates .....		1	1
Under Graduates .....	1	8	9

Different Students, Fall 1915 through Summer, 1916 .....	337	682	1019
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